



HI-TECH Oil Solutions for Distributors and Wholesalers

Model Oils serves distributors, wholesalers, fleets and international buyers across all sectors with HI-TECH products.

- ✓ Flexible packaging
- ✓ Export ready
- ✓ Global logistics network



Passenger Car Motor Oils

HI-TECH

- 0W-16



Product Description and Application Areas

HI-TECH 0W-16 is a premium fully synthetic engine oil developed for hybrid and modern passenger vehicles. Its API SN Plus and ACEA C5 approved ultra-low viscosity formula fully protects engine components while maximizing fuel economy.

Features and Benefits

- It is specially formulated for hybrid vehicle engines and start-stop systems.
- With its ultra-low friction coefficient, it reduces fuel consumption and CO₂; reduces emissions.
- Offers APISN Plus certified LSPI protection.

Approvals and Specifications

API SN Plus, ACEA C5, ILSAC GF-6A



- 0W-20



Product Description and Application Areas

HI-TECH 0W-20 is a fully synthetic engine oil for modern gasoline and hybrid engines. Its ILSAC GF-5 and API SL/SM approved formula provides excellent low-temperature fluidity and superior fuel economy.

Features and Benefits

- » Prevents cold start damage with rapid oil circulation at very low temperatures.
- » Provides stable protection over a wide temperature range with its high viscosity index.
- It has ultra-low friction feature that increases fuel economy.

Approvals and Specifications

API SN/SP, ACEA C5, ILSAC GF-6B, VW 508 00/509 00, BMW Longlife-17 FE+, MB 229.71 IN / N MODEL

- 0W-30



Product Description and Application Areas

HI-TECH 0W-30 is a fully synthetic engine oil for passenger vehicles. Its API SL approved formula supports the most efficient operation of the engine in all conditions by providing excellent fluidity in cold weather and strong protection at high temperatures.

Features and Benefits

- Stable performance over a wide temperature range; Fast start-up in cold weather, full protection in heat.
- » Formula resistant to oxidation and thermal degradation.
- Keeps engine interior surfaces clean; It prevents the formation of residue and varnish.

Approvals and Specifications

API SN/SP, ACEA C2/C3, BMW Longlife-04, BMW Longlife-17 FE, MB 229.3/229.51, VW 502 00/505 00

- 5W-30



Product Description and Application Areas

HI-TECH 5W-30 is a fully synthetic engine oil for gasoline and diesel passenger car engines. With its API SL/SJ and ACEA AS/B5 approved formula, it provides long oil change intervals and superior engine protection.

Features and Benefits

- Wide range of applications in gasoline and diesel engines; Full compatibility with a single product.
- Energy-saving viscosity profile supporting low fuel consumption.
- It extends engine life with advanced anti-wear additives.

Approvals and Specifications

API SN/CF, ACEA C2/C3, VW 504 00/507 00, BMW Longlife-04, MB 229.31/229.51



- **5W-30-DPF**



Product Description and Application Areas

HI-TECH 5W-30 DPF is a fully synthetic engine oil specially developed for modern diesel vehicles equipped with a diesel particulate filter (DPF). The low-ash ACEA C2/C3 formula ensures that the engine operates at full performance while preserving DPF life.

Features and Benefits

- » Protects DPF and other after-treatment systems with its low SAPS formula.
- » Meets Euro 5 and Euro 6 emission standards with ACEA C2/C3 approval.
- » It significantly reduces the risk of filter clogging by minimizing oil consumption.

Approvals and Specifications

API SN/CF, ACEA C2/C3, BMW Longlife-04, VW 504 00/507 00, MB 229.51, Porsche C30

- 5W-40



Product Description and Application Areas

HI-TECH 5W-40 is a fully synthetic engine oil for gasoline and diesel passenger car engines. Its API SN and ACEA A3/C3 approved high-performance formula provides superior engine protection in heavy urban traffic conditions and long distance driving.

Features and Benefits

- » With its high viscosity index, it provides a stable oil film from -35°C cold to *1509C hot.
- » Offers excellent protection in athletic driving style and high engine loads.
- It works equally effectively in turbo and naturally aspirated engines.

Approvals and Specifications

API SN/CF, ACEA A3/B4/C3, VW 502 00/505 00, BMW Longlife-01, MB 2291/2293, Porsche A40

- 10W-40



Product Description and Application Areas

HI-TECH 10W-40 is a semi-synthetic engine oil for gasoline and diesel passenger car engines. Its API SN and ACEA A3/B3 approved formula offers the ideal solution for those looking for high engine protection at an economical price.

Features and Benefits

- With semi-synthetic formula, protection close to full synthetic, at a more economical cost.
- » Reliable use in both old and new generation gasoline and diesel engines.
- » Prevents engine wear with stable viscosity at high temperatures.

Approvals and Specifications

API SN, ACEA A3/B3



- 10W-60



Product Description and Application Areas

HI-TECH 10W-60 is a premium full synthetic engine oil developed for high performance sports and racing vehicles. Its API SN/CF and ACEA C3 approved formula provides superior engine protection at extreme loads and high speeds.

Features and Benefits

- » Maximum protection against extreme heat and pressure of high-speed sports and racing engines.
- It maintains the integrity of the oil film in supercharged and turbocharged engines.
- » Particularly suitable for BMW M series and high performance vehicles.

Approvals and Specifications

API SN/CF, ACEA C3/A3/B4, BMW M

- 15W-40



Product Description and Application Areas

HI-TECH 15W-40 is a mineral-based engine oil for gasoline and diesel passenger car engines. Its API SN/CO approved economic formula provides reliable engine protection under normal driving conditions.

Features and Benefits

- » Multi-purpose mineral-based formula suitable for gasoline and diesel engines.
- Provides stable lubrication in hot weather and normal urban use.
- It offers low maintenance costs with economical mineral base oil.

Approvals and Specifications

API SN/CI, ACEA A3/B3

- 20W-50



Product Description and Application Areas

HI-TECH 20W-50 is a high viscosity mineral engine oil for gasoline and diesel engines. Its API SL/CC approved classic formula provides reliable lubrication in hot climates and older generation engines.

Features and Benefits

- » With its high viscosity, it preserves the integrity of the oil film in hot climate conditions.
- » Particularly suitable for old generation vehicles and high mileage engines.
- Reduces oil consumption in worn engine parts.

Approvals and Specifications

API SL/CC, ACEA A3/B3





Light Commercial Vehicle Motor Oils

HI-TECH

- 5W-30



Product Description and Application Areas

HI-TECH 5W-30 a fully synthetic engine oil specially developed for light commercial vehicles and minibuses. Its API SL/CF and ACEA A5/B5 approved formula provides superior engine protection and extended oil change intervals in high-load commercial use.

Features and Benefits

- Specially formulated for the high-load and long-distance conditions of light commercial vehicles.
- ACEA A5/B5 approval ensures reliable use in both petrol and diesel engines.
- Large-volume packaging is ideal for fleet and service operations.

Approvals and Specifications

API SL/CF, ACEA A5/B5, VW 504 00/507 00, BMW Longlife-01 FE, Ford WSS-M2C913-C, Fiat 9.55535-S1

Packaging Options: 7 L, 10.5 L, 200 L



- 10W-30



Product Description and Application Areas

HI-TECH 10W-30 is a synthetic-technology heavy-duty engine oil for diesel engines of light commercial vehicles. Its API CI-4 and ACEA E7 approved formula provides reliable engine protection and durability in continuously operating light commercial vehicles.

Features and Benefits

- API CI-4 approved formula ensures complete protection in diesel engines of light commercial vehicles.
- Delivers thermal stability and anti-wear performance in engines operating under high loads.
- Large 7L packaging is suitable for fleet management and bulk maintenance services.

Approvals and Specifications

API CI-4, ACEA E7, Ford WSS-M2C171-G1, Volkswagen 505.01, Mercedes-Benz 228.5, MAN M3277, Cummins CES 20076, Renault VI RLD

Packaging Options: 7 L, 200 L





Heavy Duty Motor Oils

HI-TECH

- **5W-30 Heavy Duty Diesel Oil**



Product Description and Application Areas

HI-TECH 5W-30 HEAVY DUTY DIESEL OIL a top-tier heavy-duty diesel engine oil produced with fully synthetic technology, approved by API CK-4 and ACEA E6/E11. Specially formulated for modern diesel engines meeting stringent emission standards.

Features and Benefits

- API CK-4 and ACEA E6/E11 approval meets the latest heavy-duty diesel engine requirements.
- Low-viscosity synthetic formula facilitates cold-weather starting and saves fuel.
- Fully compatible with DPF and EGR systems; preserves particulate filter life.

Approvals and Specifications

API CK-4, ACEA E6/E11, Volvo VDS-4.5, MB 228.51, Caterpillar ECF-3, Cummins CES 20081, MAN M3677, Mack EO-O Premium Plus, Renault VI RXD

Packaging Options: 20 L, 200 L



- **10W-40 Heavy Duty Diesel Oil**



Product Description and Application Areas

HI-TECH 10W-40 HEAVY DUTY DIESEL OIL a synthetic-technology heavy-duty diesel engine oil approved by API CI-4 and ACEA E7/E9. Provides superior engine protection under the demanding operating conditions of trucks, buses and long-haul vehicles.

Features and Benefits

- Dual API CI-4 and ACEA E7/E9 approval ensures reliable use across a wide range of vehicles.
- Contains advanced anti-wear additives formulated for high torque and long distances.
- Long oil-drain intervals reduce operating costs.

Approvals and Specifications

API CI-4, ACEA E4/E7/E9, Volvo VDS-3, MB 228.3, Caterpillar ECF-2, Cummins CES 20076, MAN M3275, Mack EO-N, Renault VI RLD

Packaging Options: 20 L, 200 L



- **15W-40 Heavy Duty Diesel Oil**



Product Description and Application Areas

HI-TECH 15W-40 HEAVY DUTY DIESEL OIL a synthetic-technology heavy-duty engine oil approved by API CI-4 and ACEA C7. A multi-purpose formula offering comprehensive protection for diesel and petrol engines operating under severe conditions.

Features and Benefits

- API CI-4 approved formula allows broad use in diesel and petrol heavy-duty engines.
- Provides superior thermal stability against oxidation and viscosity loss at high temperatures.
- Keeps the engine interior clean under harsh operating conditions, extending maintenance intervals.

Approvals and Specifications

API CI-4, ACEA C7, MB 228.3, MAN M3275, Caterpillar ECF-2, Cummins CES 20076, Volvo VDS-3, Mack EO-N, Renault RLD

Packaging Options: 20 L, 200 L

- **SAE 30W Monograde Engine Oil**



Product Description and Application Areas

HI-TECH SAE 30W MONOGRADE ENGINE OIL is a mineral-based single-grade heavy-duty engine oil approved by API CF/SG. Provides reliable lubrication for diesel engines as well as agricultural and construction machinery operating under hot, steady conditions.

Features and Benefits

- Its API CF/SG approved monograde formula can be used in both diesel and petrol engines.
- Forms a stable oil film under steady loads and hot climates to protect the engine.
- Economical mineral base oil offers cost efficiency across a wide range of equipment.

Approvals and Specifications

API CF/SG, MIL-L-2104C

Packaging Options: 20 L, 200 L



- **SAE 40W Monograde Engine Oil**



Product Description and Application Areas

HI-TECH SAE 40W MONOGRADE ENGINE OIL a heavy-duty mineral engine oil approved by API CF/SG. Provides long-lasting protection in stationary engines, generators and industrial equipment operating under high temperatures and heavy loads.

Features and Benefits

- Its high viscosity provides a stable oil film and strong engine protection in hot environments.
- Ideal for stationary diesel engines, generators and heavy construction machinery.
- Anti-wear and anti-corrosion additives extend the life of engine components.

Approvals and Specifications

API CF/SG, MIL-L-2104C

Packaging Options: 20 L, 200 L

- **SAE 50W Monograde Engine Oil**



Product Description and Application Areas

HI-TECH SAE 50W MONOGRADE ENGINE OIL is a high-viscosity mineral engine oil approved by API CF/CF-4/SG. It delivers superior protection in extremely hot climates, older large-displacement diesel engines and heavy-load industrial applications.

Features and Benefits

- Triple API CF/CF-4/SG approval ensures reliable use across a wide range of engine types.
- Its high viscosity index preserves oil-film integrity at extreme temperatures.
- Delivers strong anti-wear performance in large-bore engines and heavy-load applications.

Approvals and Specifications

API CF/CF-4/SG, MIL-L-2104C

Packaging Options: 20 L, 200 L





Motorcycle Oils

HI-TECH

- **2T Motorcycle Oil**



Product Description and Application Areas

HI-TECH 2T MOTORCYCLE OIL a high-quality engine oil for two-stroke motorcycles and small engines. Its special formula, which mixes thoroughly with petrol, delivers excellent combustion and low exhaust emissions. Keeps the engine clean and minimises spark-plug and exhaust deposits.

Features and Benefits

- Excellent engine protection against wear and deposits.
- Superior thermal stability for high-temperature performance.
- Smooth acceleration and quiet performance.
- Optimal lubrication for engine durability.

Approvals and Specifications

API TC, JASO FB, ISO-L-EGB, TISI 1040

Packaging Options: 1 L, 200 L

- **4T 5W-40 Motorcycle Oil**



Product Description and Application Areas

HI-TECH 4T 5W-40 MOTORCYCLE OIL superior high-temperature stability and reliable engine and wet-clutch performance through JASO MA2 compliance.

Features and Benefits

- Excellent engine protection against wear and deposits.
- Superior thermal stability for high-temperature performance.
- Smooth acceleration and quiet performance.
- Optimal lubrication for engine durability.

Approvals and Specifications

API SN / SM / SL, JASO MA2, ACEA A3/B4, ISO 9001:2015

Packaging Options: 1 L, 200 L

- **4T 10W-40 Motorcycle Oil**



Product Description and Application Areas

HI-TECH 4T 10W-40 MOTORCYCLE OIL a high-performance engine oil for four-stroke motorcycle engines. Its JASO MA2 approved formula, combining both lubrication and power-transmission functions, is fully compatible with wet-clutch systems. Provides reliable engine protection and smooth gear shifting under all conditions.

Features and Benefits

- Excellent engine protection against wear and deposits.
- Superior thermal stability for high-temperature performance.
- Smooth acceleration and quiet performance.
- Optimal lubrication for engine durability.

Approvals and Specifications

API SN / SM / SL, JASO MA2, ACEA A3/B4, ISO 9001:2015

Packaging Options: 1 L, 200 L

- **4T 15W-50 Motorcycle Oil**



Product Description and Application Areas

HI-TECH 4T 15W-50 MOTORCYCLE OIL excellent engine protection and JASO MA2 compatible wet-clutch performance under high temperatures and demanding use.

Features and Benefits

- Excellent engine protection against wear and deposits.
- Superior thermal stability for high-temperature performance.
- Smooth acceleration and quiet performance.
- Optimal lubrication for engine durability.

Approvals and Specifications

API SN / SM / SL, JASO MA2, ACEA A3/B4, ISO 9001:2015

Packaging Options: 1 L, 200 L



Transmission and Differential Oils

HI-TECH

- **ATF CVT Transmission Fluid**



Product Description and Application Areas

HI-TECH ATF CVT TRANSMISSION FLUID Toyota, Honda, Subaru, Mitsubishi, Suzuki, Hyundai and Kia vehicles.

Features and Benefits

- Excellent wear protection safeguards CVT components.
- Optimal temperature stability across operating conditions.
- Smooth and quiet transmission performance.
- CVT-specific formula extends transmission life.

Approvals and Specifications

CVT compatible: Nissan, Toyota, Honda, Subaru, Mitsubishi, Suzuki, Hyundai, Kia and other compatible applications

Packaging Options: 1 L, 200 L

- **ATF Dexron II Automatic Transmission Fluid**



Product Description and Application Areas

HI-TECH ATF DEXRON II AUTOMATIC TRANSMISSION FLUID Ford, Chrysler and other Dexron II applications. It delivers smooth operation, advanced protection and efficient transmission performance.

Features and Benefits

- Excellent wear protection supports smooth, precise shifting.
- Optimal thermal stability protects at high temperatures.
- Superior rust and oxidation protection extends transmission life.
- Designed for reliable and efficient Dexron II system operation.

Approvals and Specifications

GM Dexron II, Ford Mercon, Chrysler ATF+2, Allison C-4 and other Dexron II specifications

Packaging Options: 1 L, 200 L

- **ATF Dexron III Automatic Transmission Fluid**



Product Description and Application Areas

HI-TECH ATF DEXRON III AUTOMATIC TRANSMISSION FLUID Ford, Chrysler and other Dexron III applications. It supports smoother shifting and extended transmission life.

Features and Benefits

- Excellent wear protection reduces wear and extends component life.
- Superior thermal stability performs at high and low temperatures.
- Oxidation control resists sludge and varnish buildup.
- Optimal friction performance enables smooth, precise shifting.

Approvals and Specifications

GM Dexron III compatible, Ford, Chrysler and other Dexron III applications

Packaging Options: 1 L, 200 L

- **ATF Dexron VI Automatic Transmission Fluid**



Product Description and Application Areas

HI-TECH ATF DEXRON VI AUTOMATIC TRANSMISSION FLUID Ford and Chrysler vehicles. It provides smooth shifting, quiet operation and long transmission life.

Features and Benefits

- GM Dexron VI approved performance.
- Excellent protection against wear and rust.
- Superior thermal stability and oxidation resistance.
- Smooth, quiet shifting extends transmission reliability.

Approvals and Specifications

GM Dexron VI approved; suitable for compatible GM, Ford, Chrysler and other Dexron VI applications

Packaging Options: 1 L, 200 L

- **ATF DSG Transmission Fluid**



Product Description and Application Areas

HI-TECH ATF DSG TRANSMISSION FLUID precise shifting in Volkswagen Group, Mercedes-Benz 7-speed DSG, Mitsubishi TC-SST and compatible applications.

Features and Benefits

- Excellent clutch performance provides smooth and precise shifting.
- Optimal thermal stability protects at high temperatures.
- Superior wear protection extends transmission life.
- Designed for reliable, efficient operation in modern DSG systems.

Approvals and Specifications

VW G 052 182 / G 052 529, VW TL 521 82, Audi TL 521 82

Packaging Options: 1 L, 200 L

- **Power Steering Fluid**



Product Description and Application Areas

HI-TECH POWER STEERING FLUID commercial vehicles, SUVs and 4x4 vehicles. It supports smooth, precise steering while protecting the system in all conditions.

Features and Benefits

- Protects against wear and corrosion to extend system life.
- Enhances steering control for smoother, more precise handling.
- Excellent thermal stability and anti-oxidation performance.
- Foam control reduces noise and vibration for stable operation.

Approvals and Specifications

Suitable for passenger cars, commercial vehicles, SUVs and 4x4 power-steering systems

Packaging Options: 1 L, 200 L

- **75W-80 Synthetic Gear Oil**



Product Description and Application Areas

HI-TECH 75W-80 SYNTHETIC GEAR OIL a fully synthetic manual-transmission and axle gear oil approved by API GL-4/GL-5. Its low viscosity enables easy gear shifting in cold weather and superior fuel economy.

Features and Benefits

- Fully synthetic base oil offers a low friction coefficient and excellent fluidity.
- Dual GL-4/GL-5 approval allows use across a wide range of vehicles.
- Extreme-pressure (EP) additives protect gear surfaces against wear.

Approvals and Specifications

API GL-4/GL-5, ZF TE-ML 02B/08/17B/19B

Packaging Options: 20 L, 200 L



- **75W-90 Synthetic Gear Oil**



Product Description and Application Areas

HI-TECH 75W-90 SYNTHETIC GEAR OIL a fully synthetic gear and transmission oil approved by API GL-4/GL-5. Delivers high performance in the manual transmissions and front/rear axles of passenger cars, light commercial vehicles and heavy-duty vehicles.

Features and Benefits

- Stable viscosity across a wide temperature range maintains a continuous oil film on the gears.
- Excellent oxidation and thermal stability provide long oil-drain intervals.
- Its synthetic formula minimises friction-related energy losses.

Approvals and Specifications

API GL-4/GL-5, MAN 341 Type E-1, ZF TE-ML 02B/05A/12L/16F/17B/19B/21A

Packaging Options: 20 L, 200 L



- **80W-90 Synthetic Gear Oil**



Product Description and Application Areas

HI-TECH 80W-90 SYNTHETIC GEAR OIL is a synthetic gear oil approved by API GL-4/GL-5. It provides reliable lubrication and protection for manual transmissions, front/rear differentials and transfer cases.

Features and Benefits

- High EP (Extreme Pressure) performance protects gears under heavy loads.
- High water and moisture resistance ensures effective lubrication even in wet conditions.
- Reduces noise and vibration, extending transmission life.

Approvals and Specifications

API GL-4/GL-5, MIL-L-2105D

Packaging Options: 20 L, 200 L



- **85W-140 Synthetic Gear Oil**



Product Description and Application Areas

HI-TECH 85W-140 SYNTHETIC GEAR OIL is a high-viscosity synthetic gear oil approved by API GL-5. Specially developed for the rear axles and differentials of heavy-duty vehicles. Offers superior protection under high-load and shock conditions.

Features and Benefits

- With API GL-5 approval, it is ideal for high-torque, heavily loaded differentials.
- Its high viscosity prevents metal-to-metal contact and protects gear surfaces.
- Forms a reliable oil film under extreme temperature conditions.

Approvals and Specifications

API GL-5, MIL-L-2105D

Packaging Options: 20 L, 200 L



- Gear 90W Mineral Gear Oil



Product Description and Application Areas

HI-TECH GEAR 90W MINERAL GEAR OIL a mineral-based gear oil approved by API GL-4. Offers an economical and reliable lubrication solution for manual transmissions and axle gears. Compatible with a wide range of vehicles and equipment.

Features and Benefits

- Its API GL-4 approved mineral formula provides stable protection in manual transmissions.
- Anti-corrosion and anti-wear additives extend the life of gear components.
- Offers a wide application range in agricultural machinery, construction equipment and commercial vehicles.

Approvals and Specifications

API GL-4, MIL-L-2105

Packaging Options: 20 L, 200 L



- **Gear 140 Mineral Gear Oil**



Product Description and Application Areas

HI-TECH GEAR 140 MINERAL GEAR OIL is a high-viscosity mineral gear oil approved by API GL-4. A classic formula preferred for reliable gear protection in hot climates and severe operating conditions.

Features and Benefits

- Its high-viscosity mineral formula forms a reliable oil film in hot weather.
- Offers a suitable viscosity grade for older-generation transmission and axle systems.
- Extreme-pressure additives protect gear surfaces against high loads.

Approvals and Specifications

API GL-4, MIL-L-2105

Packaging Options: 20 L, 200 L



- Gearmax 150 Gear Oil



Product Description and Application Areas

HI-TECH GEARMAX 150 GEAR OIL construction and steel-mill applications.

Features and Benefits

- Excellent wear protection and load-carrying capacity extend gear life.
- Thermal and oxidation stability resist breakdown at high temperatures.
- Rust and corrosion protection supports smooth, quiet operation.

Approvals and Specifications

AGMA 9005-E02 (EP), DIN 51517-3 (CLP), ISO 12925-1 (CKD), U.S. Steel 224, Flender (AIST), David Brown S1.53.101 (E), Cincinnati Milacron P-74, GM LS-2, SEB 181 226, AIST 224, Bosch Rexroth RE 90220, FZG

Packaging Options: 20 L, 200 L

- Gearmax 320 Gear Oil



Product Description and Application Areas

HI-TECH GEARMAX 320 GEAR OIL construction and steel-mill applications.

Features and Benefits

- Excellent load-carrying capacity protects under high pressure.
- Outstanding wear protection extends gear and bearing life.
- Thermal stability, corrosion protection and smooth operation support reliable performance.

Approvals and Specifications

ISO 12925-1 (CKD), AGMA 9005-E02 (EP), DIN 51517-3 (CLP), U.S. Steel 224, Flender (AIST), David Brown S1.53.101 (E), Cincinnati Milacron P-74, GM LS-2, MB 235.0, SEB 181 226, Voith 3.325-340, FZG Test

Packaging Options: 20 L, 200 L

- **TRANSMAX D-II**



Product Description and Application Areas

HI-TECH Transmax D-II is a synthetic automatic transmission fluid developed for automatic transmission systems requiring Dexron IID performance. Its heavy-duty formulation delivers reliable performance with strong shifting response, wear protection and foam control.

Features and Benefits

- Meets Allison C3 requirements for long drainage and high performance.
- Provides consistent wear performance for smooth gear changes.
- Its anti-wear structure helps extend transmission service life.
- Maintains high-temperature performance through thermal and oxidation stability.
- Protects components through corrosion and foam control.

Approvals and Specifications

Dexron IID, Allison C3



Marine Oils

HI-TECH

- **Marine 2T TC-W3**



Product Description and Application Areas

HI-TECH MARINE 2T TC-W3 is an NMMA approved special engine oil designed for 2-stroke outboard marine engines. TC-W3 certification ensures excellent lubrication and protection across a wide range of engines.

Features and Benefits

- NMMA TC-W3 approved formula provides reliable protection across a wide range of brands and models.
- Keeps the engine clean by minimising exhaust and piston deposits.
- Offers superior anti-corrosion properties against the aggressive conditions of the marine environment.

Approvals and Specifications

NMMA TC-W3, ISO-L-EGD

Packaging Options: 1 L, 200 L

- **Marine 4T 10W-30**



Product Description and Application Areas

HI-TECH MARINE 4T 10W-30 a high-performance engine oil specially formulated for 4-stroke outboard marine engines. Provides superior protection against the harsh weather conditions encountered at sea and the corrosive environment of seawater.

Features and Benefits

- Specially developed for 4-stroke outboard marine engines.
- Provides strong protection against corrosion and rust in saltwater and humid environments.
- Delivers stable viscosity in engines operating at high temperatures and high speeds.

Approvals and Specifications

API SL, JASO MA2, NMMA FC-W

Packaging Options: 1 L, 200 L



- **Marine 4T 25W-40**



Product Description and Application Areas

HI-TECH MARINE 4T 25W-40 is a high-viscosity specially formulated engine oil for powerful 4-stroke outboard marine engines. Offers superior protection and performance in high-speed marine engines operating under heavy loads.

Features and Benefits

- High viscosity makes it ideal for large, high-powered and high-performance marine engines.
- Forms a stable oil film during temperature changes, preventing engine wear.
- Contains special anti-corrosion additives that provide effective protection even on contact with seawater.

Approvals and Specifications

API SL, JASO MA2, NMMA FC-W

Packaging Options: 1 L, 200 L





Industrial Lubricants

HI-TECH

- **Airmax S 46 Compressor Oil**



Product Description and Application Areas

HI-TECH AIRMAX S 46 is an ISO VG 46 air-compressor oil developed for reliable industrial performance and long service life.

Features and Benefits

- Excellent thermal stability under demanding operation.
- Superior anti-wear protection safeguards compressor components.
- Long service life supports dependable industrial use.

Approvals and Specifications

ISO VG 46, ISO 6743-3A (DAA, DAB, DAG, DAH), DIN 51506 VDL/VCL/VBL, ISO 6521, ISO 11158 (HM), ISO 12925-1 (CKD), GB 5903 L-DAB/L-DAH, JIS K 2213 Type 2, PNEUROP PN 100, AFNOR NF E 48-603 (HM),

Packaging Options: 20 L, 200 L

- **Hydra 32 Hydraulic Oil**



Product Description and Application Areas

HI-TECH HYDRA 32 HYDRAULIC OIL is a high-quality anti-wear hydraulic oil in ISO VG 32 viscosity grade. Delivers excellent performance in low-viscosity systems and light-load hydraulic pumps and motors. Specially formulated for long system life and clean operation.

Features and Benefits

- Optimised viscosity-temperature characteristic for low heat generation and high efficiency.
- Contains anti-wear additives that prevent wear in pumps, valves and cylinders.
- Water and air separation properties provide protection against cavitation.

Approvals and Specifications

ISO VG 32, DIN 51524 Part 2 (HLP), VDMA 24318

Packaging Options: 20 L, 200 L



- **Hydra 46 Hydraulic Oil**



Product Description and Application Areas

HI-TECH HYDRA 46 HYDRAULIC OIL a multi-purpose industrial hydraulic oil in ISO VG 46 viscosity grade. The most widely used viscosity grade in construction machinery, agricultural equipment and industrial hydraulic systems. Provides superior thermal stability and long service life.

Features and Benefits

- Provides stable viscosity across a wide operating temperature range.
- High wear protection extends the service life of pumps and hydraulic components.
- Corrosion and oxidation inhibiting additives preserve system integrity.

Approvals and Specifications

ISO VG 46, DIN 51524 Part 2 (HLP), VDMA 24318

Packaging Options: 20 L, 200 L



- **Hydra 68 Hydraulic Oil**



Product Description and Application Areas

HI-TECH HYDRA 68 HYDRAULIC OIL is a heavy-duty industrial hydraulic oil in ISO VG 68 viscosity grade. Provides superior protection in high-pressure systems, presses operating under heavy loads and large-volume hydraulic equipment. Distinguished by its enhanced resistance to thermal degradation.

Features and Benefits

- High viscosity index maintains stability regardless of temperature fluctuations.
- Delivers excellent film strength under heavy load and high-pressure conditions.
- Long oil change intervals reduce operating costs.

Approvals and Specifications

ISO VG 68, DIN 51524 Part 2 (HLP), VDMA 24318

Packaging Options: 20 L, 200 L



- **Hydra Pro 15 Hydraulic Oil**



Product Description and Application Areas

HI-TECH HYDRA PRO 15 HYDRAULIC OIL construction equipment, industrial machinery, forklifts and agricultural equipment.

Features and Benefits

- Excellent anti-wear protection extends component life.
- Oxidation and thermal stability resist sludge and high temperatures.
- Rust protection and excellent filterability keep systems clean.

Approvals and Specifications

ISO VG 15, DIN 51524 Part 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), AFNOR NF E 48-603 (HM), Cincinatti Milacron P-68, Denison HF-0/HF-1/HF-2, Eaton Vickers I-286-S, U.S. Steel 126/127/136, Bosch Rexroth RE

Packaging Options: 20 L, 200 L

- **Hydra Pro 46 Hydraulic Oil**



Product Description and Application Areas

HI-TECH HYDRA PRO 46 HYDRAULIC OIL construction equipment, industrial machinery, forklifts and agricultural equipment.

Features and Benefits

- Excellent anti-wear protection extends component life.
- Oxidation and thermal stability resist sludge and high temperatures.
- Rust protection and excellent filterability keep systems clean.

Approvals and Specifications

ISO VG 46, DIN 51524 Part 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), AFNOR NF E 48-603 (HM), Cincinnati Milacron P-68, Denison HF-0/HF-1/HF-2, Eaton Vickers I-286-S, U.S. Steel 126/127/136, Bosch Rexroth RE

Packaging Options: 20 L, 200 L

- **Heat Transfer Oil S2**



Product Description and Application Areas

HI-TECH HEAT TRANSFER OIL S2 chemical plants, oil and gas and textile applications.

Features and Benefits

- Excellent thermal efficiency for effective heat transfer.
- Thermal and oxidation stability support long fluid life.
- Low vapour pressure, corrosion protection and sealed-system compatibility.

Approvals and Specifications

DIN 51522 (Heat Transfer Oils), ISO 6743-12 (L-QB), ASTM D3306, JIS K 2213 (Class 2), BS 2869 (Class 2), AGMA 9005-E02 (EP), SEB 181 222, suitable for closed-loop systems

Packaging Options: 20 L, 200 L

- **Cutting Oil**



Product Description and Application Areas

HI-TECH CUTTING OIL is a specially formulated cutting oil offering high lubrication and cooling performance in metal machining operations. Extends tool life, improves surface quality and prevents corrosion in turning, milling, drilling and tapping operations.

Features and Benefits

- High lubricity significantly extends cutting tool life.
- Effective cooling capacity reduces surface roughness and improves machining quality.
- Anti-corrosion formula protects the workpiece and machine from rust.

Approvals and Specifications

ISO 6743-7, DIN 51385

Packaging Options: 20 L, 200 L



- Progen S Diesel Engine Oil



Product Description and Application Areas

HI-TECH PROGEN S is a premium diesel engine oil for diesel engines used in compressors and generators.

Features and Benefits

- Excellent wear protection and engine cleanliness.
- Oxidation and thermal stability resist severe operating conditions.
- Fuel efficiency plus rust and corrosion protection support long engine life.

Approvals and Specifications

API CF/CF-4/CG-4/CH-4/CI-4/CJ-4, ACEA E7/E9, Cummins CES 20081, Detroit Diesel 93K218, Mack EO-O Premium Plus, Volvo VDS-4, MTU Type 2.1, Renault RLD-3

Packaging Options: 20 L, 200 L

- **Transol HV-1500 Transformer Oil**



Product Description and Application Areas

HI-TECH TRANSOL HV-1500 TRANSFORMER OIL circuit breakers, switchgear and industrial electrical equipment.

Features and Benefits

- Excellent dielectric strength for reliable insulation.
- Superior oxidation and thermal stability minimise sludge and deposits.
- Low-temperature performance and corrosion protection extend equipment life.

Approvals and Specifications

IEC 60296:2020 (Ed. 5.1), ASTM D3487, BS 148:2009, IS 335:2018 (Type II), IEEE C57.106, IEC 60422, JIS C 2320, GB/T 2536, Cooper Power, Siemens Spec. 03-9320, GEK 28143A (Type II), Alstom HTGD 90117

Packaging Options: 20 L, 200 L



Aviation and Turbine Oils

HI-TECH

• JETMAX II



Product Description and Application Areas

HI-TECH JETMAX II industrial gas turbines and auxiliary power units (APU), including extreme-temperature service.

Features and Benefits

- Excellent thermal stability — resists oxidation and thermal breakdown.
- Superior anti-wear protection — extends equipment life.
- Outstanding oxidation resistance — longer oil life and fewer deposits.
- Rust and corrosion protection — protects critical components.
- Excellent demulsibility — separates water quickly.

Approvals and Specifications

DEF STAN 91-101 (Issue 7), GEK 28143A, ROLLS-ROYCE OMat 32, PRATT & WHITNEY PMC 704, SIEMENS TLV 9033, SAE AS 5780 SP, MIL-PRF-23699 HTS, Boeing D6-17487 Rev. N, AIRBUS

Packaging Options: 20 L



- **TURBINE M 46**



Product Description and Application Areas

HI-TECH TURBINE M 46 gas turbines, hydro turbines and industrial systems.

Features and Benefits

- Excellent thermal stability — resists oxidation and thermal breakdown.
- Outstanding rust protection — protects system components.
- Superior water separation — rapidly separates water.
- Optimal system efficiency — ensures smooth and reliable operation.

Approvals and Specifications

ISO 6743-5 L-TSA / L-TGA, DIN 51515-1 L-TD / L-TG, SIEMENS TLV 9013 04, ALSTOM HTGD 90 117, GEK 32568F, MAN Turbo T100 / T101, SOLAR ES 9-224 (Class II), IEC 60296 (Ed. 5), CINCINNATI MILACRON

Packaging Options: 20 L

• TURBINE S



Product Description and Application Areas

HI-TECH TURBINE S gas turbines, industrial turbines and power generation.

Features and Benefits

- Excellent thermal stability — resists oxidation and thermal breakdown.
- Superior anti-wear protection — extends equipment life.
- Outstanding oxidation resistance — longer oil life and fewer deposits.
- Rust and corrosion protection — protects critical components.
- Excellent demulsibility — separates water quickly.

Approvals and Specifications

ISO 6743-5 L-TSA / L-TGA, DIN 51515-1 L-TD / L-TG, SIEMENS TLV 9013 04, ALSTOM HTGD 90 117, GEK 32568F, MAN Turbo T100 / T101, SOLAR ES 9-224 (Class II), IEC 60296 (Ed. 5)

Packaging Options: 20 L

- **Turbo T-68 Turbine Oil**



Product Description and Application Areas

HI-TECH TURBO T-68 TURBINE OIL industrial turbines and power-generation systems. Its excellent de-aeration supports reliable turbine operation.

Features and Benefits

- Excellent thermal stability resists oxidation and thermal breakdown.
- Superior anti-wear protection extends equipment life.
- Outstanding oxidation resistance provides longer oil life and fewer deposits.
- Rust and corrosion protection safeguards critical components.
- Excellent water separation and demulsibility support dependable operation.

Approvals and Specifications

GEK 101941A (Type A), GEK 32568F (Type A), Siemens TLV 9013 04, Alstom HTGD 90 117, DIN 51515-1 (L-TDA / L-TGA), ISO 8068 (L-TDA / L-TGA), ASTM D4304 (Type I), BS 489:1999, JIS K 2213 (Class 1)

Packaging Options: 20 L, 200 L



Antifreeze and Coolants

HI-TECH

HI-TECH

- **Antifreeze -37**



Product Description and Application Areas

HI-TECH ANTIFREEZE -37 is an ethylene glycol-based coolant with -37°C freeze protection. Its advanced formula provides excellent protection in radiators for special-purpose applications. It protects the radiators of passenger cars, trucks, buses, tractors and construction machinery operating in extremely cold and hot environments against freezing and corrosion.

Features and Benefits

- Protects the cooling system against corrosion and deposit formation, reducing maintenance costs.
- Balances engine temperature and helps the engine run at peak performance.
- Compatible with plastic, rubber and sealing elements found in the engine cooling system.

Approvals and Specifications

ASTM D3306, D3564, D6210, SAE J 1034, TS 3582, BS 6580

Packaging Options: 3 L, 20 L, 200 L



- **Antifreeze -56**



Product Description and Application Areas

HI-TECH ANTIFREEZE -56 is a high-performance ethylene glycol-based coolant providing protection down to -56°C . Specially developed for the cooling systems of vehicles and machinery operating in extremely cold climates and harsh conditions. It combines maximum freeze protection with anti-corrosion properties.

Features and Benefits

- Provides superior freeze protection down to -56°C .
- Protects cooling system components made of aluminium, iron, steel and copper alloys against corrosion.
- High boiling point enables safe operation at extreme temperatures.

Approvals and Specifications

ASTM D3306, D3564, SAE J 1034, TS 3582, BS 6580, G-11

Packaging Options: 3 L, 20 L, 200 L



- **Antifreeze Concentrate**



Product Description and Application Areas

HI-TECH ANTIFREEZE CONCENTRATE a high-purity ethylene glycol-based concentrated coolant. By mixing with water at the desired ratio, protection can be achieved between -15°C and -65°C. It is the ideal solution for commercial vehicles, construction machinery and industrial applications.

Features and Benefits

- Freeze point can be adjusted to requirements by mixing with water at different ratios.
- Effectively protects all metal surfaces, gaskets and hoses for extended periods.
- Concentrated formula enables economical use and easy storage.

Approvals and Specifications

ASTM D3306, D3564, D6210, SAE J 1034, TS 3582, BS 6580

Packaging Options: 3 L, 20 L, 200 L





Greases

HI-TECH

- **CAL-221 Calcium Based Grease**



Product Description and Application Areas

HI-TECH CAL-221 CALCIUM BASED GREASE heat-resistant EP grease developed for high-temperature and heavy-load conditions. Its outstanding mechanical stability, water-washout resistance, strong adhesion and corrosion protection provide long service life in wheel bearings, chassis, industrial machinery, construction, mining, agricultural and marine equipment.

Features and Benefits

- Delivers excellent EP performance, outstanding mechanical stability and reliable load-carrying capacity.
- Provides superior resistance to water washout, oxidation, rust and corrosion.
- Offers strong adhesion, sealing performance and long service life from -60°C to +150°C.

Approvals and Specifications

NLGI 2 • Calcium based • -60°C to +150°C

Packaging Options: 14 KG, 180 KG

- **Calsol Calcium Grease**



Product Description and Application Areas

HI-TECH CALSOL CALCIUM GREASE is an NLGI 2 multipurpose calcium-soap grease developed for general lubrication. Its good mechanical stability, water resistance, strong adhesion, sealing ability and pumpability provide reliable protection in automotive, industrial machinery, construction and agricultural equipment.

Features and Benefits

- Offers good mechanical stability and reliable load-carrying capacity in general-purpose applications.
- Protects against water, rust and corrosion while providing strong adhesion and good pumpability.
- Suitable for automotive, industrial, construction and agricultural equipment from -30°C to +65°C.

Approvals and Specifications

NLGI 2 • Calcium soap (Solidol) • -30°C to +65°C

Packaging Options: 14 KG, 180 KG

- **Calcium White Grease**



Product Description and Application Areas

HI-TECH CALCIUM WHITE GREASE is a calcium-based multi-purpose grease. Compatible with plastic and rubber parts; formulated for use in colour-critical applications and the food industry. Maintains a stable structure across a wide temperature range.

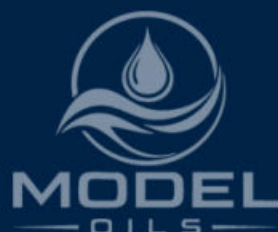
Features and Benefits

- Compatible with plastic, rubber and metal surfaces.
- Provides effective protection against moisture, water and corrosion.
- Remains stable across a wide temperature range (-30°C to +120°C).

Approvals and Specifications

DIN 51502, NLGI 2, ISO 6743-9

Packaging Options: 14 KG, 180 KG



- **Calcium Rubber Green Grease**



Product Description and Application Areas

HI-TECH CALCIUM RUBBER GREEN GREASE is a specially formulated calcium-based grease with rubber additives. Specially developed for gears, joints and shaft bearings of equipment and machinery operating under extreme loads. Fully compatible with rubber and plastic components.

Features and Benefits

- MoS2 additive prevents metal-to-metal contact and reduces wear.
- Delivers superior EP (Extreme Pressure) performance under high pressure and heavy load conditions.
- Ideal for construction machinery, agricultural equipment and heavy-duty applications.

Approvals and Specifications

DIN 51502, NLGI 2, ISO 6743-9, MIL-PRF-2105

Packaging Options: 14 KG, 180 KG



- **Calcium Red Grease**



Product Description and Application Areas

HI-TECH CALCIUM RED GREASE is a calcium-based high-temperature grease. Provides superior protection for bearings, universal shafts and chassis components operating under heavy-duty conditions. Distinguished by its resistance to high pressure and impact loads.

Features and Benefits

- High temperature resistance provides effective protection up to +180°C.
- Delivers excellent film strength under heavy load and impact conditions.
- High water resistance; does not wash out in rain or under humid conditions.

Approvals and Specifications

DIN 51502, NLGI 2, ISO 6743-9

Packaging Options: 14 KG, 180 KG



- **Ball Valve Grease**



Product Description and Application Areas

HI-TECH BALL VALVE GREASE developed to lubricate and seal ball valve applications. It offers superior water and chemical resistance, strong adhesion and reliable leak prevention. Suitable for ball, plug, gate and industrial valves, as well as offshore, marine, chemical and petrochemical facilities.

Features and Benefits

- Provides excellent sealing and leak prevention in ball, plug, gate and industrial valves.
- Highly resistant to water, chemicals, corrosion and rust.
- Maintains strong adhesion and high load-carrying capacity from -40°C to +130°C.

Approvals and Specifications

NLGI 4 • Synthetic Li-Zn • -40°C to +130°C

Packaging Options: 14 KG, 180 KG

- **Lithmax EP 3 Lithium Grease**



Product Description and Application Areas

HI-TECH LITHMAX EP 3 LITHIUM GREASE is an NLGI 3 multipurpose lithium-soap grease developed for automotive, industrial, agricultural and construction equipment operating under extreme pressure. Its high mechanical stability, water resistance and strong adhesion provide long service life in bearings, chassis points and general machinery.

Features and Benefits

- Delivers excellent EP performance and high mechanical stability under heavy loads.
- Resists water, oxidation, thermal degradation, rust and corrosion.
- Provides reliable lubrication for bearings, chassis and general-purpose applications from -40°C to +120°C.

Approvals and Specifications

NLGI 3 • Lithium • -40°C to +120°C

Packaging Options: 14 KG, 180 KG

- **Lithium EP Grease**



Product Description and Application Areas

HI-TECH LITHIUM EP GREASE a multi-purpose grease with lithium soap and EP (Extreme Pressure) additives. Provides reliable lubrication at the bearings, gears and chassis points of automotive, industrial and agricultural equipment. With its wide range of applications, it is an ideal choice for fleet and maintenance services.

Features and Benefits

- Multi-purpose use for bearings, chassis points and general industrial applications.
- Provides strong protection against oxidation and chemical degradation.
- Long service life extends lubrication intervals and reduces maintenance costs.

Approvals and Specifications

DIN 51502, NLGI 2, ISO 6743-9

Packaging Options: 14 KG, 180 KG



• Why HI-TECH



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