



# YOKOHAMA / T-RUCK

## 5W-20

TECHNICAL DATA SHEET | TDS

FULLY SYNTHETIC HEAVY-DUTY DIESEL ENGINE OIL

### PRODUCT DESCRIPTION

YOKOHAMA T-RUCK 5W-20 is a fully synthetic, low-viscosity heavy-duty diesel engine oil developed for modern engines requiring SAE 5W-20 and the MAN M3977 or Scania LDF-5 performance profile. Its formulation supports engine protection and exhaust after-treatment compatibility in suitable applications, while its low-viscosity design supports fuel-efficient operation.

### APPLICATIONS

For compatible on-highway heavy-duty diesel engines where SAE 5W-20 and MAN M3977 or Scania LDF-5 are specified. Suitable for applications equipped with diesel particulate filters and related exhaust after-treatment systems that require this viscosity grade and performance profile.

### PERFORMANCE SPECIFICATIONS

| MAN<br>M3977 | SCANIA<br>LDF-5 |
|--------------|-----------------|
|--------------|-----------------|

### TYPICAL TECHNICAL CHARACTERISTICS

| PROPERTY                     | TEST METHOD | UNIT  | TYPICAL VALUE |
|------------------------------|-------------|-------|---------------|
| SAE viscosity grade          | —           | —     | 5W-20         |
| Kinematic viscosity at 40°C  | ASTM D445   | mm²/s | 46.37         |
| Kinematic viscosity at 100°C | ASTM D445   | mm²/s | 8.2           |
| Viscosity index              | ASTM D2270  | —     | 146           |
| Density at 15°C              | ASTM D4052  | kg/m³ | 845           |
| Flash point, COC             | ASTM D92    | °C    | 239           |
| Pour point                   | ASTM D97    | °C    | -42           |

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.