

YOKOHAMA / T-RUCK
20W-50 CI-4

TECHNICAL DATA SHEET | TDS

HEAVY-DUTY MULTIGRADE DIESEL ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA T-RUCK 20W-50 CI-4 is a heavy-duty multigrade diesel engine oil for high-speed four-stroke engines in severe on- and off-highway service. Its detergent-dispersant balance helps control soot, oxidation and high-temperature deposits, while viscosity stability and wear protection support engine cleanliness and component durability under sustained loads.

APPLICATIONS

For naturally aspirated and turbocharged four-stroke diesel engines in trucks, buses, commercial fleets, construction, mining and agricultural equipment requiring SAE 20W-50 and API CI-4. Also suitable for mixed fleets that include gasoline engines requiring API SL, where the listed viscosity and performance requirements apply.

PERFORMANCE SPECIFICATIONS

API CI-4/SL

ACEA A3/B4 / E7

JASO DH-1

ALLISON C4

CATERPILLAR ECF-1-a / ECF-2 / TO-2

CUMMINS CES 20076 / 20077 / 20078

VOLVO VDS-3

DETROIT DIESEL DFS 93K215

DEUTZ DQC-III-10 / DQC-III-18

DAIMLER TRUCK DTFR 15B110

GLOBAL DHD-1

IVECO 18-1804 Class T2 E7

MACK EO-L / EO-M PLUS / EO-N

MAN M 3275-1

MERCEDES-BENZ MB 229.1

MTU Oil Category 1 / 2

RENAULT TRUCKS RLD / RLD-2

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
SAE viscosity grade	SAE J300	-	20W-50
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	169.30
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	19.40
Viscosity index	ASTM D2270	-	131
Density at 15°C	ASTM D4052	kg/m ³	886.0
Flash point, COC	ASTM D92	°C	238
Pour point	ASTM D97	°C	-27.0

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.