



ENGINE OIL SAE 20W50 API CH4/SL

DESCRIPTION

This oil is a high performance, dedicated heavy duty engine lubricant designed for use in modern high speed turbocharged diesel and petrol engines. It uses an exclusive additive formulation in conjunction with highly refined base oils to deliver longer life and enhanced protection relative to its predecessors. The product has been reformulated for severe duty service in engines specifically designed to meet Euro 2 on-highway exhaust emission standards as well as being suitable for a wide range of heavy duty off-highway applications.

APPLICATION

For all naturally aspirated and heavy duty turbocharged and intercooler diesel engines.

PERFORMANCE

Meets or exceeds:

- API CH4/SL
- CUMMINS CES 20076/77/78
- DEUTZ DQC-111
- MAN 3275
- MACK OE – M/PLUS
- VOLVO VDS-3
- MTU-Type 2
- CATERPILLAR ECF 1A – PERFORMANCE DEMONSTRATED
- GLOBAL DHD-1
- ALLISON C4 LEVEL
- RENAULT TRUCK RLD-2
- JASO DH-1
- ACEA E7-04
- MB 228.3

ADVANTAGES

- Saves on fleet maintenance cost.
- The detergency/dispersancy level is specially balanced to provide both high temperature deposit control in a wide range of heavy duty and turbocharged diesel engines and low temperature sludge control in light-duty gasoline engines.
- Longer drain periods.
- Reduce Downtime and prolong engine life.

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	SAE 20W50 CH4/SL	Method
Density @ 20°C	KG/L	0.885	ASTM D4052
Viscosity 40°C	cSt	170	ASTM D455
Viscosity 100°C	cSt	18	ASTM D455
Viscosity Index(Min)	VI	95	ASTM D2270
Pour Point (Max)	°C	-21	ASTM D97
Flash Point (Min)	°C	213	ASTM D92
TBN mg KOH/g		12	ASTM D2896

WARRANTY - All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.