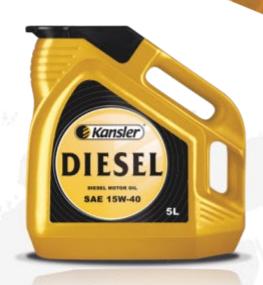




DIESEL SAE 15W-40

DESCRIPTION

15W-4D is an advanced mineral heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines that use a broad range of fuel qualities. It is also compatible with diesels engines fitted with exhaust gas recirculation (EGR) systems.



BENEFITS

- Excellent anti-wear, anti-foam, anti-rust properties
- High resistance to oxidation
- Valve train wear control, rings and shirts
- High viscosity index
- Excellent protection from deposits at all operating temperatures
- Viscosity stable under extreme temperature conditions

PERFORMANCE LEVEL

- API CJ-4/SN
- ACEA E7-12, E9-12
- MR 778.31
- MAN M3275
- MTU type 2.1
- Scania Low Ash
- Global DHD-1

- VOLVO VDS-3/VDS-4
- Mark FN-N
- Renault RLD-3
- Caterpillar ECF-2/ECF-3
- DDC 93K2I5/93K2I8
- JASO DH-2
- Cummins CES 20076/ 20077/20078/20081

AVAILABLE IN

1L, 4L, 5L, 10L, 20L, 50L, 208L, IBC, FLEXITANK



TECHNICAL PROPERTIES

CHARACTERISTIC	TEST METOD	TYPICAL Value
Appearance	Visual	Clear
Color	ASTM D1500	3
Density at 20°C, g/cm³	ASTM D4052	0,880
Kinematic viscosity, 100 °C, mm ² /s	ASTM D445	14,0
Kinematic viscosity, 40 °C, mm²/s	ASTM D445	105
Viscosity Index	ASTM D2270	135
TBN, mg KOH/g	ASTM D2896	9
Pour point, °C	ASTM D97	-30
Flash point, °C	ASTM D92	220
Copper Corrosion	OEID MTZA	1a
Sulfated Ash, % m/m	ASTM D874	1,3

MSDS is available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. Take used oil to an authorised collection point. Do not discharge into drains, soil or water.