



Raysun Libero DX5

Commercial Vehicle Engine Oil

Raysun Libero DX5 series are high performance diesel engine oils for use in turbocharged and naturally aspirated diesel engines operating under severe conditions. It is formulated from high quality base stocks and proven performance additives to provide excellent performance and engine protection under all types of operating conditions. The product meets the performance requirements of a wide range of diesel engines used in variety of applications

Advantages

- Improved thermo-oxidative stability controls sludge build-up and deposits
- Better detergency reduces deposits and keeps engines cleaner
- Good dispersancy helps in controlling soot related oil thickening and wear
- Effective anti wear properties protect critical engine parts
- Stay in grade shear stability leads to reduced oil consumption and wear

Applications

- Turbocharged and naturally aspirated diesel engines of all major global engine manufacturers
- On-highway light and heavy duty trucking including high speed-high load service and short haul pick-up/delivery van
- Heavy duty diesel engines used in mining, construction, agriculture and other off-highway applications

Specifications

- API CG-4/SJ
- ACEA E3-96
- Mercedes Benz MB 228.1
- MTU Type 2



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Values		ASTM Method	Specification
20W-50	15W-40		
0.872	0.868	D 1298	Density @ 15°C, kg/l
18.50	14.50	D 445	Viscosity @ 100 °C, cSt.
125	135	D 2270	Viscosity Index
240	224	D 92	Flash Point, °C
-24	-27	D 97	Pour Point, °C
7.6	7.6	D 2896	TBN, mg KOH/g
1.05	1.05	D 874	Sulphated Ash, %wt

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."