

Technical Data Sheet

FORTIS MISD 15W-40

Mineral motor oil

Description

FORTIS MISD 15W-40 is a universal engine oil, developed to satisfy the latest specifications of both European and American constructors of heavy diesel engines.

Specifications

SAE	15W-40	VOLVO	VDS-2, VDS-3
API	SL/CI-4, CH-4, CG-4, CF-4, CF	MACK	EO-M Plus
ACEA	A3-02, B3-98#2, B4-02		EO-N Premium Plus
	E5-02, E7-04	CUMMINS	CES 20076/7/8
MB	228.3, 229.1	RENAULT	RLD, RLD-2
MAN	M 3275	GLOBAL	DHD-1
MTU	Type 2	CATERPILLAR	ECF-1

Typical characteristics

Test	Method	Unit	Average result
SAE-class			15W-40
Density at 15°C	D 4052	kg / m ³	885
Viscosity at 40°C	D 445	cSt	100
Viscosity at 100°C	D 445	cSt	14,0
Viscosity at -20°C	D 5293	cP	6500
Viscosity index	D 2270		135
Flash point COC	D 92	°C	220
Pour point	D 6892	°C	-36
TBN	D 2896	g KOH/kg	10,7
Sulphated ash	D 874	mass %	1,34

Applications

- > Suitable for low-emission engines (Euro 2, Euro 3 and some Euro 4 engines).
- > Excellent protection against deposits in the engine and turbocharger ducts.
- > Enhanced protection against valve train wear.
- > Allows for very long oil drain intervals.
- > Not suitable for Euro 4 engines equipped with particulate filters.

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.