



LONGDRAIN TURBO

UNIVERSAL "SHPD" MOTOROIL MEETING THE HIGHEST REQUIREMENTS.

DESCRIPTION :

LONGDRAIN TURBO is a multigrade motoroil, recommended for all diesel engines in all working conditions and during the whole year.

Viscosity classes : SAE 15W40 : mineral base oils.
SAE 15W50 : mineral base oils.
SAE 20W40 : mineral base oils.
SAE 20W50 : mineral base oils.

ADVANTAGES :

- ✓ Owing to its high content of active components, this oil can be used during the whole year in the most severe conditions.
- ✓ Longer drain periods are possible because of its high resistance against ageing.

SPECIFICATIONS :

API	CG-4/CF/SJ	MAN	3275
ACEA	A3-98/B3-98/B4-98	VOLVO	VDS-2
	E3-96 - Issue 2	MACK	EO-L
MB	228.3, 229.1	ALLISON	C4 (only 15W40)

The oils, which meet these specifications, are called SUPER HIGH PERFORMANCE DIESEL (SHPD).

APPLICATIONS :

- ✓ Diesel engines with natural aspiration.
- ✓ Supercharged diesel engines.
In all working conditions, in all seasons and with long drain periods.
- ✓ This oil can be used in gasoline engines.

TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result			
SAE-class			15W40	15W50	20W40	20W50
Density at 15°C	D 4052	kg / m ³	882	882	890	880
Viscosity at -20°C	D 5293	cP	6950	6500	-	-
Viscosity at -15°C	D 5293	cP	-	-	8840	8200
Viscosity at 40°C	D 445	cSt	102	140	115	170
Viscosity at 100°C	D 445	cSt	14,1	17,5	14,1	19,0
Viscosity index	D 2270		141	137	123	127
Pour point	D 97	°C	-35	-35	-33	-24
TBN	D 2896	g KOH/kg	9,3	9,3	9,3	9,3
Flash point COC	D 92	°C	225	225	230	235
Sulphated ash	D 874	mass %	1,1	1,1	1,1	1,1

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

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