

GUARDTECH

15W40 SHPD

22/05/2017
1236

This is a high-quality mineral diesel engine oil formulated to deliver reliable protection of all diesel engines in a wide variety of operational conditions. Due to the high content of active components, it can be used all year round in the toughest conditions. Its high resistance against ageing results in longer drain periods.

APPLICATIONS

Can be used in all modern diesel engines with natural aspiration or turbocharging in all working conditions. Universal use, including most gasoline engines. Suitable for diesel engines of older design of main American and European manufacturers. Complies with Euro II and III emission norms.

FEATURES

Total engine protection : performance in keeping the engine clean.
Drain interval extension : long period between oil change.

SPECIFICATION LEVEL

ACEA	E3-96 Issue 4	MAN	Approval M3275-1
ACEA	A3/B3-10	MB	Approval 228.3
ACEA	A3/B4-08	MB	229.1
ALLISON	C4 Level	MTU	Oil Category 2
API	CG-4/SJ	VOLVO	VDS-2
MACK	EO-L		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.887
Kinematic viscosity at 40°C	ASTM D445	mm²/s	101
Kinematic viscosity at 100°C	ASTM D445	mm²/s	14.0
Viscosity index	ASTM D2270		141
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	8.7
Pour point	ASTM D6892	°C	-33
CCS viscosity at -20°C	ASTM D5293	mPa.s	6800
Sulfated Ash	ASTM D874	Mass %	1.27
Flash Point COC	ASTM D92	°C	225

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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