

SuperMax Oil Germany Turbo MMS 10W/40

High Performance and Long Life Diesel Engine Oil



PRODUCT DESCRIPTION

SuperMax Oil Germany Turbo MMS 10W/40 has been developed to provide effective protection in the new generation heavy-duty diesel engines. Prepared with low ash additive packages to keep the engine performance at maximum for a longer time. Its fully synthetic formulation helps to extend the life of heavy-duty engines with particle filter which has EURO 4, EURO 5, EURO 6 and SCR system.

ADVANTAGES

- Saves on maintenance costs due to long oil change period.
- Provides sustainable performance in the most challenging road and climate conditions, providing superior protection to the motor.
- Its motor protection feature reduces wear and extends engine life, reducing maintenance costs.
- Helps to protect the environment by providing works exhaust emission systems efficiently.
- Protects the engine from possible deposits such as soot, mud etc. and minimizes the wears.

APPROVALS AND SPECIFICATIONS

- API CI-4
- ACEA E6-12/E7-12
- MTU Type 3.1
- MB 228.51
- MAN M 3477/3271-1
- Volvo VDS-3
- Cummins CES 20077/20076
- CAT ECF-1-a
- JASO DH-2
- Renault Trucks RLD-2

CHARACTERISTIC PROPERTIES

Viscosity Grade : SAE 10W / 40

Analysis	Unit	Analysis Method	Ideal Values
Density, 15° C	g/cm ³	ASTM D 4052	0.858
Viscosity, 40° C	cSt	ASTM D 445	93.34
Viscosity, 100° C	cSt	ASTM D 445	14.39
Viscosity Index	-	ASTM D 2270	160
Pour Point	°C	ASTM D 97	-30
Flash Point	°C	ASTM D 92	220
CCS -30° C	mPa.s	ASTM D 5293	5060
TBN	mg KOH/g	ASTM D 2896	9.9

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STORAGE

Packages should be stored in cool, well-ventilated and covered areas; and their taps should be tightly closed and sealed when not in use. Packages should not be exposed to direct sunlight and avoid rapid climatic changes. Ambient temperature should not exceed 60 °C.

SHELF LIFE

Under the appropriate storing conditions suitable to the declared circumstances, maximum shelf life of the products are two years.

HEALTH AND SAFETY

Based on the available information, SuperMax Oil Germany Turbo MMS 10W/40 is not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Material Safety Data Sheet" (MSDS). MSDS's are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties has to be taken into the consideration, and please follow the regional or national regulations