

SuperMax Oil Germany Multi (GL-5) Series

High Performance Multi Grade Gear Oils



PRODUCT DESCRIPTION

SuperMax Oil Germany Multi (GL-5) Series; is a heavy duty gear oil; is formulated with high quality mineral base oils and extreme pressure (EP) additives of special formulation. It can be proposed safely in spiral, conical and hipoid gear systems, and in gearboxes of vehicles working under very hard conditions. It uses for differentials of automobiles, buses, trucks, light commercial vehicles, agricultural vehicles and heavy construction vehicles..

ADVANTAGES

- High performance and long term service due to its excellent fluency at high temperature regarding to multigrade properties.
- Good protection of gear system components due to high anti-wearing properties provided by EP additives.
- Prevent rust, corrosion and foam due to including additives
- Compatible with all impermeability components.
- Good thermal stability and high oxidation resistance, that's why good cleanliness for a long time.

APPROVALS AND SPECIFICATIONS

- API GL-5
- MIL-L2105-D
- MAN 342N

CHARACTERISTIC PROPERTIES

Viscosity Class: SAE 75W-90 / SAE 80W-90 / SAE 85W-140

Test	Unit	Test Method	Ideal Values		
			SAE 75W 90	SAE 80W 90	SAE 85W 140
Density, 15°C	g/cm ³	ASTM D 4052	0.860	0.902	0.912
Viscosity, 40°C	cSt	ASTM D 445	94.16	183.16	394.1
Viscosity, 100°C	cSt	ASTM D 445	15.03	17.06	26.95
Viscosity Index	-	ASTM D 2270	168	99	92
Pour Point	°C	ASTM D 97	-36	-21	-15
Flash point	°C	ASTM D 92	220	220	240

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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 Multi (GL-5) Series, 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