

# SuperMax Oil Germany 20W/50 (SL/CF)

Mineral Based Gasoline Engine Oil



## PRODUCT DESCRIPTION

SuperMax Oil Germany 20W/50 (SL/CF) is a high performance multi-grade gasoline engine oil, formulated with high quality mineral base oils and special additives. In addition to gasoline engine vehicles, it can also be used in diesel engine passenger and commercial cars, and in cars having LPG engine systems. It provides economical and problem-free performance in all weather and driving conditions.

## ADVANTAGES

- Prevent to consist of rust due to high quality dispersant and detergent additives. High oxidation resistance and provide excellent engine cleanliness even under heavy conditions.
- Effective protection against wear, corrosion and foam formation due to including special additives combinations.
- Provides prevention from excessive heat that causes overheating of engine.
- High thermal stability that due to high viscosity index. It prevents all wears by forming a strong film layer that works in a wide temperature range from very low to high.

## APPROVALS AND SPECIFICATIONS

- API SL/CF

## CHARACTERISTIC PROPERTIES

Viscosity Grade : SAE 20W / 50

Analysis	Unit	Analysis Method	Ideal Values
Density, 15°C	g/cm <sup>3</sup>	ASTM D 4052	0,8836
Viscosity, 40°C	cSt	ASTM D 445	172,1
Viscosity, 100°C	cSt	ASTM D 445	19,63
Viscosity Index	-	ASTM D 2270	131
TBN	Mg KOH/g	ASTM D 2896	7,6
Pour Point	°C	ATM D 92	-24
Flash Point	°C	ASTM D 93	220

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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 20W/50 (SL/CF) 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