

# SuperMax Oil Germany 20W/50 (CF-4)

Long Life Protection for Diesel Engines



## PRODUCT DESCRIPTION

SuperMax Oil Germany 20W/50 (CF-4) was formulated with special performance additives ensuring superior protection at high temperatures for diesel engines. SuperMax Oil Germany 20W/50 (CF-4) prevents extreme oil consumption, minimizes the oil utilization of turbo- and super-charged engines, and ensures excellent protection for engines against wears.

## ADVANTAGES

- Prevents deposit formation even at high temperatures.
- Prolongs the oil replacement period.
- It ensures oxidation, corrosion and foaming control.
- Ensures superior engine cleaning.

## APPROVALS AND SPECIFICATIONS

- API CF-4

## CHARACTERISTIC PROPERTIES

Viscosity Grade : SAE 20W/50

Analysis	Unit	Analysis Method	Ideal Values
Density, 15°C	g/cm <sup>3</sup>	ASTM D 4052	0,8868
Viscosity, 40°C	cSt	ASTM D 445	164
Viscosity, 100°C	cSt	ASTM D 445	19,52
Viscosity Index	-	ASTM D 2270	137
Pour Point	°C	ASTM D 97	-27
Flash Point	°C	ASTM D 93	236
TBN	mg KOH/g	ASTM D 2896	8,8

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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 (CF-4) 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