

MAXIGEAR MS 3500

Pg. 1 of 2

DESCRIPTION:

SAE Grade 75W90 oil for high performance gears. Formulated with fully synthetic bases and cutting-edge additives.

APPLICATIONS

- ✓ Especially designed to lubricate manual transmissions and synchronised gearboxes, hypoid drive shafts, differentials groups, and transfer cases.
- ✓ Gear systems which require API GL4 / GL5 quality.
- ✓ Gearing subjected to high torque or high rotational speeds. Due to its 100% synthetic nature, its high load capacity, and its demulsification of air and water, it is especially recommended for lubricating the tail shafts in marine motors.
- ✓ Light vehicles, Public Works machinery, coaches, urban buses, heavy freight, commercial vehicles, forklift trucks, tractors, and combine harvesters.

PROPERTIES & ADVANTAGES:

- ✓ Provides excellent load-bearing capability, considerably reducing losses to friction.
- ✓ Allows for extended drain intervals thanks to its synthetic formulation.
 - From 500 hours up to 1500 hours according to the working conditions and type of load.
 - Up to 120,000 km in manual gearboxes on private and commercial vehicles.
 - Up to 150,000 km in heavy transport on roads.
- ✓ Formulated with components with high shear stability, maintaining its initial viscosity and ensuring an adequate lubricating film on the metallic surface of the gears.
- ✓ Excellent resistance to thermal degradation.
- ✓ High lubricity and anti-wear protection.
- ✓ Outstanding fluidity at low temperature, reducing premature wear caused by cold starts.
- ✓ Reduced formation of deposits, keeping the gears in an optimal state of cleanliness.
- ✓ Improved anti-corrosive properties, excellent anti-rust protection.
- ✓ Improves the performance of gears and bearings.
- ✓ High anti-wear and anti-corrosion protection.
- ✓ Rapid demulsification of air and water.

SPECIFICATIONS / QUALITY LEVEL

API GL5 / GL4+
MIL-L-2105D
MAN 342 S1
ZF TE ML 05A / 07A / 08 / 12E / 16F / 17B / 19C

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Pg. 2 of 2

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J-306	75W90
Viscosity at 100 °C (cSt)	ASTM D-445	13.5 - 18.0
Viscosity at -40 °C, Max. (cP)	ASTM D-2983	150,000
Density at 15 °C, typical (kg/l)	ASTM D-1298	0.865
Pour point, Max. (°C)	ASTM D-97	-40
Flash point (°C)	ASTM D-92	180
Wear test, impact at high speed	CRC L-42	Passes
Wear test, low speed - high torque	CRC L-37	Passes
Stability against oxidation	CRC L-60	Passes

PACKAGING:

1L and 20L jerrycan, 200L drum and 1000L IBC container.