

MOL Hykomol LS 85W-90

limited slip gear oil



MOL Hykomol LS 85W-90 is a multigrade gear oil, produced from highly refined base oils, that have been produced by means of modern oil refining processes, using an additive package that has a combined effect. Using additives that modify the flow characteristics, it was developed specifically for limited-slip differential gears.

Application



Limited slip differentials
Axles and final drives
Gear drives with wet brake

Features and benefits

Excellent load-carrying properties	No lubricating film disruption even under shock loads, giving protection against seizure
Outstanding limited-slip performance	Silent, reliable operation
Excellent corrosion protection	Long gear lifetime, so reduced maintenance cost
Outstanding oxidation stability	Enables long drain interval application
Low foaming tendency	Continuous, stable lubricating film, even at high speeds
Optimal friction characteristics	Reliable operation in all temperature ranges

Specifications and approvals

Viscosity grade: SAE 85W-90
ZF TE-ML 05C[ZF001114]
ZF TE-ML 16E[ZF001114]
ZF TE-ML 21C[ZF001114]
API GL-5
MIL-L-2105D
John Deere JDM J11F

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,904
Kinematic viscosity at 40°C [mm ² /s]	201,7
Kinematic viscosity at 100 °C [mm ² /s]	16,9
Viscosity index	88
Pour point [°C]	-27
Flash point (Cleveland) [°C]	220

The characteristics in table are typical values of the product and do not constitute a specification.

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Storage and handling instructions

Store in the original container in dry, properly ventilated area.

Keep away from direct flame and other sources of ignition.

Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Gear oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects.

The manufacturer and distributor shall not be held liable for such possible damages.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C