

MANNOL®

— MANUAL TRANSMISSION GEAR OIL

Hypoid LSD

Mineral

SAE 85W-140

API GL-5 LS

LIMITED SLIP

MIL L 2105 D



20 L

DESCRIPTION

A universal all-season high-viscosity mineral-based gear oil for manual transmissions.

It was developed for a safe and reliable operation of self-locking differentials (differentials with excessive friction / limited slip – LS), main gears with hypoid pinions and other manual transmission parts with bevel, worm and cylindrical pairs withstanding extreme (including impact) loads and high operating temperatures.

PRODUCT PROPERTIES

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| <p>01 The unique high-viscosity base of the highest quality preserving the required viscosity at the highest operating temperatures and pressures in combination with a latest-generation additive package in an elevated concentration ensures excellent antifriction properties thus ensuring a significant fuel economy;</p> | <p>02 Due to its composition and with an elevated EP-additive content, it ensures excellent antiwear and superior anti-scuffing properties that significantly extend the expected life of the technical equipment in all, even the most extreme, modes of operation in a wide range of ambient temperatures. It has a very high resistance of the oil film to extreme pressures and temperatures. It prevents differentials from jamming and reduces piston wear;</p> |
| <p>03 It ensures the required low-temperature properties that provide an easy starting and reliable lubrication at ambient temperatures up to -20 °C in any operating conditions;</p> | <p>04 It has an increased thermal-oxidative stability, a resistance to the thermal degradation and ageing, that allows maintaining mechanisms exceptionally clean, increasing the time between oil changes and reducing equipment maintenance costs;</p> |
| <p>05 It decreases noise;</p> | <p>06 It does not corrode non-ferrous metals;</p> |
| <p>07 It is compatible with sealing materials, prevents them from swelling, hardening and shrinking that allows reducing the costs for spare parts.</p> | |

APPLICATIONS

It is recommended for use in manual transmissions of passenger cars and heavy-load manual transmissions of highway (freight trucks, buses, etc.), off-road (construction, mining, agricultural) and special vehicles produced by European, American and Asian manufacturers in which the required level of service characteristics is GL-5 LS.

RECOMMENDATION

MIL L 2105 D

* COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS PROVIDED IN THE USER'S MANUAL.

CODES & AVAILABLE PRESENTATIONS

MN8105-20

MANNOL Hypoid LSD 85W-140 GL-5

20 L

SPECIFICATIONS

SPECIFICATION	VALUE
SAE	85W-140
API	GL-5 LS (Limited Slip)
MIL	L 2105 D



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GOT QUESTIONS?

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