

MANNOL®

MANUAL TRANSMISSION GEAR OIL

TG-2 Hypoid

Full Synthetic

SAE 75W-90

SAE J2360

API GL-4/GL-5

API MT-1



20 L

DESCRIPTION

A latest-generation universal energy-conserving completely synthetic all-season gear oil in compliance with the newest world standards. It is suitable for all types of synchronized and non-synchronized manual transmissions (especially heavy-load), transfer cases and main gears with hypoid gears.

It is developed on the basis of the requirements of European and American truck manufacturers.

PRODUCT PROPERTIES

- 01** The latest-generation synthetic base of the highest quality with ideal viscosity in a wide range of temperatures in combination with a newest additive package in a high concentration (up to 7%) ensures superior antifriction and antiscuffing properties thus ensuring a significant fuel economy and a very smooth transmission shift;
- 02** Due to its unique composition, it ensures excellent antiwear and 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. The oil film has an increased resistance to elevated pressure;
- 03** It ensures excellent low-temperature properties that ensure an easy starting, reliable lubrication, as well as an easy and precise transmission shift at any ambient temperature (up to -45 °C) and in any operating conditions;
- 04** It has a unique thermal-oxidative stability and an excellent resistance to the high-temperature thermal degradation that allows increasing the time between oil changes and reducing equipment maintenance costs. It preserves its properties on long storage;
- 05** It provides an effective protection from sludge and abrasive sediments that destroy stuffing boxes;
- 06** Due to the use of last-generation corrosion inhibitors, it effectively protects metal parts from all types of corrosion;
- 07** It provides an excellent compatibility with sealing materials, prevents them from swelling, hardening and shrinking thus allowing reducing the costs for spare parts and preventing leakages;
- 08** It reduces noise.

APPLICATIONS

It is recommended for use in heavy-load mechanisms of 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 MILPRF-2105E.

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

SPECIFICATIONS

SPECIFICATION	VALUE
SAE	75W-90
SAE	J2360
API	GL-4/GL-5
API	MT-1
MIL	L 2105 D / PRF 2105 E
EATON	Europe
MAN	341 Z2
MAN	341 S1
MB	235.8
MERITOR	O-76-N
SCANIA	STO 1:0
VOLVO	97312
ZF	TE-ML 02B
ZF	TE-ML 05A
ZF	TE-ML 12L
ZF	TE-ML 12N
ZF	TE-ML 16F
ZF	TE-ML 17B
ZF	TE-ML 19C
ZF	TE-ML 21A

CODES & AVAILABLE PRESENTATIONS

MN8112-20

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