premium oil PEXOL

TECHNICAL DATA SHEET

PEXOL GR3 75W-90

Product Description and Field of Use

This is a gear oil prepared with superior quality base oils, providing high pressure resistance, preventing the oxidation of the oil and containing additives that protect the material against rust and prevent wear, developed for use under heavy-duty conditions for differential, manual transmission and hypoid gears. Suitable for automotive and heavy-duty equipment transmissions, axles, differentials.

Properties and Benefits

- They reduce wear, thereby improving equipment performance by increasing production capacity.
- They are formulated in such a way that they do not disrupt gaskets and seals.
- Thanks to the special additives they contain, they prevent sediment formation and do not cause foaming.
- Long lasting thanks to its thermal stability and high oxidation resistance.
- Protects the gears against rust and corrosion.
- Thanks to the foam inhibitors it contains, it does not foam unless there is a mechanical problem, thus preventing cavitation in the pumps.

Specifications and Approvals Fulfilled

API GL-4, SAE J2360, DIN 51517 Part 3 – CLP, MACK GO-J, MB 235.6/235.8, DAF, SCANIA STO 1:0, MAN 342 type S1, RENAULT Axle, IVECO Axle, MIL PRF-2105 E, ZF TE-ML 02B/05A/05B/07A/08/12L/12N/16F/17B/19C/21A/21B

Typical Properties*

TEST	UNIT	TEST METHOD	TYPICAL VALUES
Density, @15 °C	g/cm^3	ASTM 4052	0.86
K. Viscosity, @ 100°C	cSt	ASTM D 445	13,5-18,5
Viscosity Index		ASTM D 2270	176
Flashing Point	°C	ASTM D 92	200
Pour Point	°C	ASTM D 97	-33

* Values may vary between productions.

Storage Conditions

It should be protected from direct sunlight and precipitation. Packages should be stored in a sealed way, under a porch or in indoor areas. Storage temperature should be between (+5)-(+40)°C.

Health and Safety Information

In the light of the available information, this product is not expected to create a negative impact on human health when used in the intended location and under the specified conditions of use. Used product should not be incinerated or poured into soil and waste water channels. Waste oils should be sorted into categories according to Regulation on Control of Waster Oils, and disposed of via licensed enterprises having the properties defined in this regulation. Please read the Material Safety Sheet when necessary.