

JAPAN OIL 75W90 GL-5

Product Description and Field of Use

High performance automotive gear oils developed to be used in hypoid gear systems, differentials and axles operating under harsh conditions. Thanks to its special formula, it provides effective protection against wear that may occur under heavy operation conditions. Used in hypoid gear systems, differentials and axles operating under harsh conditions. 75W-90 GL-5 can also be used in manual transmissions with synchromesh when recommended by the equipment manufacturer.

Properties and Benefits

- Thanks to the foam inhibitors it contains, it does not foam unless there is a mechanical problem, thus preventing cavitation in the pumps. High load bearing capacity ensures effective protection against high speed and instant overload, high speed/low torque and low speed/high torque wear.
- Works in harmony with the sealing elements and prevents leaks.
- It ensures a long service life by controlling rust, corrosion and foaming thanks to its specially developed formula.
- Thanks to its high thermal and oxidation stability, it increases the operating efficiency by preventing sediment formation

Specifications and Approvals Fulfilled

API GL-5, MAN 342 M-2, ZF TE-ML 05A/7A/12E/16B,C,D/17B/19B/21B

Typical Properties*

<u>TEST</u>	<u>UNIT</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUES</u>
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	178
Flashing Point	°C	ASTM D 92	205
Pour Point	°C	ASTM D 97	-32

* 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.