



## **CHALLOILS TRANSMISSION ZC 75W-90**

*Synthetic lubricant for gearboxes and differentials*

### **Product Description:**

Fully synthetic lubricant for the latest transmissions and transaxle groups, including hypoid, of motor vehicles operating in the most varied environmental conditions and in the most severe operating conditions.

The combination of synthetic and bases of special additives, ensures the maximum performance in terms of low temperature fluidity, friction coefficient and controlled compatibility with the synchronizer, as required by major European manufacturers. Recommended for all types of manual transmissions of cars, commercial vehicles and construction equipment requiring an SAE 75W-90 grade lubricant with EP (API GL4 and 5).

The excellent thermal stability and oxidation, can prolong the oil change interval.

### **Features and Benefits:**

- Reduction of noise, heat, transmissions and in particular of the synchronizer.
- Easy engagement of the gears even at low temperatures.
- Effective protection against gear wear and corrosion.
- Reduced internal friction and fuel consumption (fuel economy).
- Compatibility with all types of synchronizer.
- Excellent thermal stability and oxidation that allow a significantly greater duration in the service of that obtainable with a mineral product.

### **Specifications and Approval:**

Exceeds requirements: API GL-4/GL-5/MT-1, MIL-L-PRF-2105E, MB 235.0

### **Typical properties:**

#### **CHALLOILS TRANSMISSION ZC 75W90**

SAE Grade	75W90
Viscosity ASTM D-445	
cSt @ 40°C	93 – 103
cSt @ 100°C	14,2 – 15,5
Viscosity Index ASTM D-2270	≥140
Pour Point, °C, ASTM D-97	-36
Flash Point, °C, ASTM D-92	190
Density @ 15°C, Kg/l, ASTM D-1298	≥0,880
Copper Strip Corrosion (3h a 100°C) ASTM D-130	1a

### **Health and Safety:**

The data related to health, safety and environmental protection are provided in the material safety data sheets.

*The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.*

TRANSMISSION ZC 75W-90 Date Created: 18/01/2013 Last Edit: 20/07/2018

*This data sheet and the information it contains is believed to be correct with specific reference to the date of printing. The accuracy or completeness of the data and information contained in this publication are not binding in any way the responsibility of the company. The user has the obligation to evaluate and use products safely and in accordance with all applicable laws and regulations currently in force. No statement made in this publication shall be construed as a permission, recommendation*

GL OIL SPA - Industria Lubrificanti e Chimici - Loc. Boscofongone Zona ASI Nola-Marigliano - 80035 Nola (Na)

Tel. 081.826.9629 - Fax 081.826.9608 - <http://www.gloil.it> email: [info@gloil.it](mailto:info@gloil.it)

P. IVA e C.F. 02682090648



# CHALLOILS®

*or authorization given or implied to practice any patented invention without a license. The GL OIL S.P.A. can not be held responsible for any damage or injury resulting from incorrect use of the product or of any lessening the recommendations or any risk arising from the nature of the material.*

GL OIL SPA - Industria Lubrificanti e Chimici - Loc. Boscofangone Zona ASI Nola-Marigliano - 80035 Nola (Na)

Tel. 081.826.9629 - Fax 081.826.9608 - <http://www.gloil.it> email: [info@gloil.it](mailto:info@gloil.it)

P. IVA e C.F. 02682090648