

# TECHNICAL DATA SHEET

## **TOP GEAR 80W90 GL5**

#### PRODUCT DESCRIPTION AND USE

**TOP GEAR 80W90 GL5** is high-performance automotive gear oil for heavy-duty gears. The use of quality base oils, improved additive package and special formulation provides the most effective wear protection under severe operating conditions.

## **FEATURES AND BENEFITS**

- Provides effective wear protection at low speeds and high loads.
- Increases efficiency of transmission operation by preventing deposit formation due to high thermal and oxidative stability.
- Provides long service life of transmission units and assemblies, perfectly protecting them from corrosion, rusting and foaming due to the specially developed formula.

#### MEETS THE SPECIFICATION AND APPROVALS:

API GL-5, (eqv. MIL-L-2105D), MAN 342 M-2, ZF-TE-ML 05A, 7A, 12E, 16B, C and D, 17B, 19B, 21B

#### TYPICAL PROPERTIES

TEST	UNIT	METHOD	VALUE UNIT
Density, 15 °C	g/cm³	ASTM 4052	0,88
K. viscosity, 100°C	mm2/s	ASTM D 445	14,5
Viscosity Index		ASTM D 2270	97
Flash Point	°C	ASTM D 92	226
Pour Point	°C	ASTM D 97	-21

 $<sup>\</sup>ensuremath{^{*}}$  The above values may slightly vary depending on the production





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## **HEALTH, SAFETY AND ENVIRONMENTAL RECOMMENDATIONS**

Should not make contact with the skin, should not be swallowed and vapors should not be inhaled. In case of contact with the skin or eyes, wash with plenty of water and seek medical attention if necessary. When swallowed, victim should not be vomiting and immediate medical attention should be sought. When the vapors are inhaled, breathe heavily in fresh air and, if necessary, seek medical attention. Used oils should not be disposed to garbage, sewage and should be collected by licensed waste oil collectors. It should not be mixed with any petroleum products or chemicals. It should not be burned in furnaces and boilers.

Should be kept away from children. Empty containers should not be thrown to the garbage or left in the environment and should be delivered to licensed recycling companies. For more information, please refer to the 'Material Safety Data Sheet'.

#### STORAGE CONDITIONS

Packaging should not be exposed to extended periods of direct sunlight. Packaging should not be in contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. Ambient temperature should not exceed 40 ° C. The user is solely responsible for using the product according to its purpose and for complying with the laws and regulations in effect. Lubrico Petrokimya A.Ş. may not be held responsible for damages and loss due to use of product outside its normal or intended uses or due to inherent dangers of the product and its consequences.

