TMO 150 SYNTHETIC GEAR LUBRICANTS

Product Data Sheet

TMO150 20L

Synthetic gear lubricating oil

PACKAGE VOLUME	BASE OIL	BASE-OIL FRACTION	ADDITIVE FRACTION
20 L	**Polyalkylene glycol, CAS 9082-00-2**	**More than 95%**	**Less than 5%**

KYODO YUSHI TMO150 20L is a synthetic polyalkylene-glycol lubricating oil supplied in a 20 litre package for the documented reduction-gear lubrication duty. The manufacturer composition statement identifies more than 95% PAG base oil with less than 5% additives and declares the absence of ethyl alcohol.

01 TECHNICAL DATA

Package volume	20 L
Base oil	Polyalkylene glycol, CAS 9082-00-2
Base-oil fraction	More than 95%
Additive fraction	Less than 5%
Ethyl alcohol	Not present in manufacturer declaration
Kinematic viscosity at 40 C	145 mm2/s in the March 2025 SDS
Flash point	302 C, COC
Density at 15 C	1.07 g/cm3
Appearance	Light yellowish brown
Water solubility	Not miscible or difficult to mix

Kyodo Yushi TMO 150 composition statement, February 2024; TMO 150 SDS, March 2025.

02 ADDITIONAL PRODUCT DATA

Declared quality period	12 months after delivery, per February 2024 statement

03 PRODUCT FUNCTION

The March 2025 safety data sheet gives a kinematic viscosity of 145 mm2/s at 40 C, density of 1.07 g/cm3 at 15 C and COC flash point of 302 C. The oil is light yellowish brown and is not readily miscible with water. The manufacturer statement identifies the Netherlands as origin and provides the product-specific 340399 customs reference.

04 SYSTEM COMPATIBILITY

Use the documented gearbox fill quantity, fill/drain points and equipment procedure; the 20 L container volume is not a gearbox fill instruction. Keep containers closed and avoid contamination during dispensing. Follow the current safety data sheet for handling, eye/skin protection, ventilation and spill control.

05 REFERENCE

Kyodo Yushi TMO 150 composition statement, February 2024; TMO 150 SDS, March 2025.

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