



Quality standard MOL-LUB 50929

MOL Hykomol Synt 75W-90 semi-synthetic automotive gear oil

Quality specification

Characteristics [Unit]	Requirements	Method
Appearance	bright, clear	Visual
Kinematic viscosity at 100 °C [mm ² /s]	13.50 - 18.50	MSZ EN ISO 3104:1996
Viscosity index	min. 140	MSZ ISO 2909:1999
Apparent viscosity (Brookfield) at -40 °C [mPa.s]	max. 150000	ASTM D 2983-04a
Pour point [°C]	max. -39	MSZ ISO 3016:1999
Flash point (Cleveland) [°C]	min. 200	MSZ EN ISO 2592:2002
Foaming characteristics SI		ISO 6247:1998 cor 1:1990
- foaming tendency SI [cm ³]	max. 20	ISO 6247:1998 cor 1:1990
- foam stability SI [cm ³]	max. 0	ISO 6247:1998 cor 1:1990
Foaming characteristics SII		ISO 6247:1998 cor 1:1990
- foaming tendency SII [cm ³]	max. 50	ISO 6247:1998 cor 1:1990
- foam stability SII [cm ³]	max. 0	ISO 6247:1998 cor 1:1990
Foaming characteristics SIII		ISO 6247:1998 cor 1:1990
- foaming tendency SIII [cm ³]	max. 20	ISO 6247:1998 cor 1:1990
- foam stability SIII [cm ³]	max. 0	ISO 6247:1998 cor 1:1990
Copper corrosion (121°C, 3 h) [grade]	max. 3	MSZ EN ISO 2160:2000
Four-ball test		IP 239
- weld load [kg]	min. 295	IP 239
Shear stability (KRL), 20 h		CEC L-45-A-99C
- kinematic viscosity at 100 °C, after shear [mm ² /s]	min. 13.50	CEC L-45A-99C
Water content [mass %]	max. 0.025	MSZ EN ISO 9029:1999
Mechanikai szennyezettség vizsgálata [mass %]	max. 0.010	MOL-LUB M-204:2022

STORAGE: storage temperature max. 40°C

Keep away from moisture, direct sunlight or any kind of contaminants.