

**Quality standard MOL-LUB 09644**

**EVOX Premium concentrate coolant concentrate**

**Quality specification**

Characteristics [Unit]	Requirements	Method
Appearance	pink, bright, clear	Visual
pH value	7.9 - 9.0	ASTM D 1287-91(2002)
Alkalinity [ml 0,1M HCl/10 ml]	5.0 - 7.0	ASTM D 1121-98(2003)
Water content (Karl Fischer) [mass %]	max. 5.0	DIN 51777-1:1983
Density at 20 °C [g/cm <sup>3</sup> ]	1.110 - 1.145	ISO 3675
Refractive index at 20 °C	1.4305 - 1.4335	DIN 51423 2.:1975
Flash point (Cleveland) [°C]	min. 120	EN ISO 2592:2001
Freezing point (1:2 distilled water) [°C]	max. -18	ASTM D 1177-05
Boiling point [°C]	min. 160	ASTM D 1120-94(2004)
Freezing point (1:1 distilled water) [°C]	max. -36	ASTM D 1177-05
Foaming characteristics at 88 °C		ASTM D 1881-97(2002)e1
- foaming / foam volume [cm <sup>3</sup> ]	max. 150	ASTM D 1881-97(2002)e1
- foam stability [s]	max. 5	ASTM D 1881-97(2009)
<sup>A</sup> Kinematic viscosity at 0 °C [mm <sup>2</sup> /s]	5.0 - 6.0	ISO 3104:1994
<sup>A</sup> Kinematic viscosity at 20°C [mm <sup>2</sup> /s]	2.0 - 3.0	MSZ EN ISO 3104:1996
<sup>A</sup> Kinematic viscosity at 80 °C [mm <sup>2</sup> /s]	0.6 - 0.8	ISO 3104
Hamutartalom (autochemic) [mass %]	max. 2.0	ASTM D 1119-05
<sup>B</sup> Kinematic viscosity at 0 °C [mm <sup>2</sup> /s]	8.0 - 10.0	ISO 3104:1994
<sup>B</sup> Kinematic viscosity at 20°C [mm <sup>2</sup> /s]	3.0 - 5.0	MSZ EN ISO 3104:1996
<sup>B</sup> Kinematic viscosity at 80 °C [mm <sup>2</sup> /s]	0.9 - 1.1	ISO 3104
Corrosion test in glassware [mg]		ASTM D 1384-05
- cast aluminium [mg]	max. 10	ASTM D 1384-05
- cast iron [mg]	max. 5	ASTM D 1384-05
- copper [mg]	max. 5	ASTM D 1384-05
- brass [mg]	max. 5	ASTM D 1384-05
- steel [mg]	max. 5	ASTM D 1384-05
- solder [mg]	max. 5	ASTM D 1384-05

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Aluminium alloy corrosion (G AlSi6Cu4) [mg/cm <sup>2</sup> /168 h]	max. 1.0	ASTM D 4340-96(2001)
Miscibility with water	freely miscible	Visual
Hard water stability after 10 days	no separation	VW-PV 1426

A - 1:2 arányú deszt. vizes oldatban vizsgálva

B - 1:1 arányú deszt. vizes oldatban vizsgálva

**STORAGE:** storage temperature -13°C - +35°C

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

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**MOL LUBRICANTS**

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