

LUKOIL COOLANT 5123

yellow-fluorescent antifreeze concentrate based on ethane diol

APPROVALS

MEETS REQUIREMENTS

ASTM D 3306 (2001),
BS 6580 (1992)
ÖNORM V 5123

PRODUCT DESCRIPTION

LUKOIL COOLANT 5123 is a coolant for diesel-engines of trucks, busses, tractors and also passenger cars. It provides the entire cooling system with reliable protection against frost, corrosion, overheating, cavitation and deposits.

APPLICATION

LUKOIL COOLANT 5123 can be diluted with water at any ratio and can be mixed with any other coolant concentrate. **LUKOIL COOLANT 5123** should not be used pure, if diluted 1:1 by volume with distilled water the freezing point is -40°C , if diluted 1:2 by volume with distilled water the freezing point is -20°C .

Technical data - concentrate

Property	Unit	Method	LUKOIL COOLANT 5123
Appearance			Clear coloured liquid
Density /20 °C	kg/m ³	ASTM D 1122	1130 - 1133
Flash point COC	°C	ISO 2592	>120
Boiling point	°C	ASTM D 1120	>165
PH-Value		ASTM D 1287	6,5 – 8,5
Refractive index Dn20°C		DIN 51 423	1,435 – 1,437
Viscosity /20°C	mm ² /s	DIN 51 562	24 - 28

Technical data – mixture with water

Property	Unit	Method	LUKOIL COOLANT 5123
Freezing point 50% in water 33% in water	°C	ASTM D 1177	<-38 <-18
Pour point 50% in water 33% in water	°C	DIN 51 583	<-45 <-23
Viscosity /0°C 50% in water 33% in water	mm ² /s	DIN 51 562	8-10 5-6
Viscosity /80°C 50% in water 33% in water	mm ² /s	DIN 51 562	0,9 – 1,1 0,6 – 0,8
Foam test after 1-3 seconds	ml	ASTM D 1881	<50
Corrosion test on Copper, Tin Solder, Brass, Steel, Cast Iron, Aluminium	mg/cm ²	ASTM D 1384	all <0,2
Swelling of commercial SBR- and EPDM-rubber at 80°C/168h (1:1 in water)	%		0-3 (i.e. the same order of magnitude as that for pure water)

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International"

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* This document supersedes all previous versions

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