

Carbaflo® 1372

Perfluorinated High Temperature Fluid

Product description

CARBAFLO® 1372 is a high temperature lubricating fluid for the lubrication of bearings working at high temperature areas. It is resistant against most chemicals, acids and alkaline and exhibits good high pressure properties. The extreme low evaporation rate guarantees long re-lubrication intervals.



Ingredients

CARBAFLO® 1372 contains fluoropolymer hydrocarbons EP-, anti wear-, anti corrosion- and dewatering additives.

TEST	SPECIFICATION	RESULT
Appearance		fluid
colour		clear
Density (20°C)	IP 365 / 85	1,92 - 1,95 g/cm ³
ISO Grade		460
Viscosity , cSt @ 40°C		510
Viscosity index		135
Drop point	IP 132 / 85	n. a.
Pure point	IP 15 / 86	—
Evaporation rate	204°C / 22 h	0,5%
Usable temperature range		-20°C up to +288°C
Emcor-Test	DIN 51802	0
4 Ball Test (75°C / 1 h)	ASTM D4172 B / 1200 ¹ /min / 40 kg	1,2

Advantage

CARBAFLO® 1372 is resistant against the most organic solutions and inorganic acids and has a better oxidation resistance than mineral or synthetic oils. It protects from corrosion and is non toxic in the usable temperature range.

CARBAFLO® 1372 has excellent high pressure properties, which work along the whole temperature range. The product is chemically inert and is not influenced by chemicals used for metalworking or coating.

CARBAFLO® 1372 has outstanding dielectric properties and is suitable for the lubrication of electrical components.

Application

The surfaces should be completely cleaned from dust, dirt, mineral oils or other synthetic oils than CARBAFLO®, fingerprints, and so on.

Cleaning from CARBAFLO® 1372 can be done by solvents