

Data Sheet

FLUORONOX 1460

Synthetic Multipurpose Fluid

Fluoronox 1460 is a fluorinated synthetic fluid. It is odourless, colourless, non-flammable, oxidation resistant, free of components that can build solid or gummy deposits, resistant to water, strong acids, strong alkalis and most organic solvents.

Typical applications include long-time lubrication of metal, plastics, elastomers. However, it is not limited to these applications.

Fluoronox 1460 is a Perfluoropolyether (PFPE). To achieve maximum performance, do not mix with oils of another chemical family.

Typical Technical Data

	Fluoronox 1460
Base fluid	Perfluoropolyether
ISO VG Grade	460
Viscosity [mm ² /s], ASTM D445	
@ 20°C (68°F)	1500
@ 40°C (104°F)	420
@ 100°C (212°F)	40
@ 200°C (392°F)	6
Pour Point	-25°C (-13°F)
Flash Point [°C]	none, non-flammable
Density, g/ml @ 20°C (68°F)	1,91
Appearance	clear, colourless
Evaporation loss [%] in 22 h	
@ 149°C (300°F)	0,3
@ 204°C (400°F)	0,9
Recommended temperature range, <i>do not heat above +290°C</i>	-20/+280°C (-4/+536°F)

Containers	200 g	bottle	10 kg	canister
	1 kg	bottle		

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