

GEOlube[®] 50 A 380

GEOlube[®] 50 A 380 is a water soluble, monol initiated ethylene oxide / propylene oxide co-polymer manufactured to provide a viscosity of 387 cSt @ 40°C.

Typical Physical Properties *

Property	Value	Method
Viscosity @ 40°C, cSt	387	ASTM D445
Viscosity @ 100°C, cSt	70	ASTM D445
Viscosity index	254	ASTM D2270
Pour point, °C	-42	ASTM D97
Refractive index, n _{20D}	1.46	ASTM D1218
Density @ 20°C, kg/m ³	1056	ASTM D1298
Flash point, COC, °C	240	ASTM D92
Cloud point (1% aqueous), °C	57	DIN EN 1890-A
Vapour pressure, mm Hg @ 20°C	<0.001	-
Water content, % by wt	<0.25	ASTM E203
Specific heat, kJ/kg K	1.95	-
Ash, % (mass)	<0.01	ASTM D482
Surface tension @ 20°C, Dynes / cm	35 - 40	-

EUROPE

Charleston Road, Hardley,
Hythe, Southampton, Hampshire
SO45 3ZG UK
Call +44 2380 245 437

NORTH AMERICA

300 Brookside Avenue,
Building #23, Suite 100 Ambler,
PA 19002 USA

Call +1 215 773 9280 Toll

Free 888 519 3883

Email: GEOlubricants@geosc.com

www.geosc.com

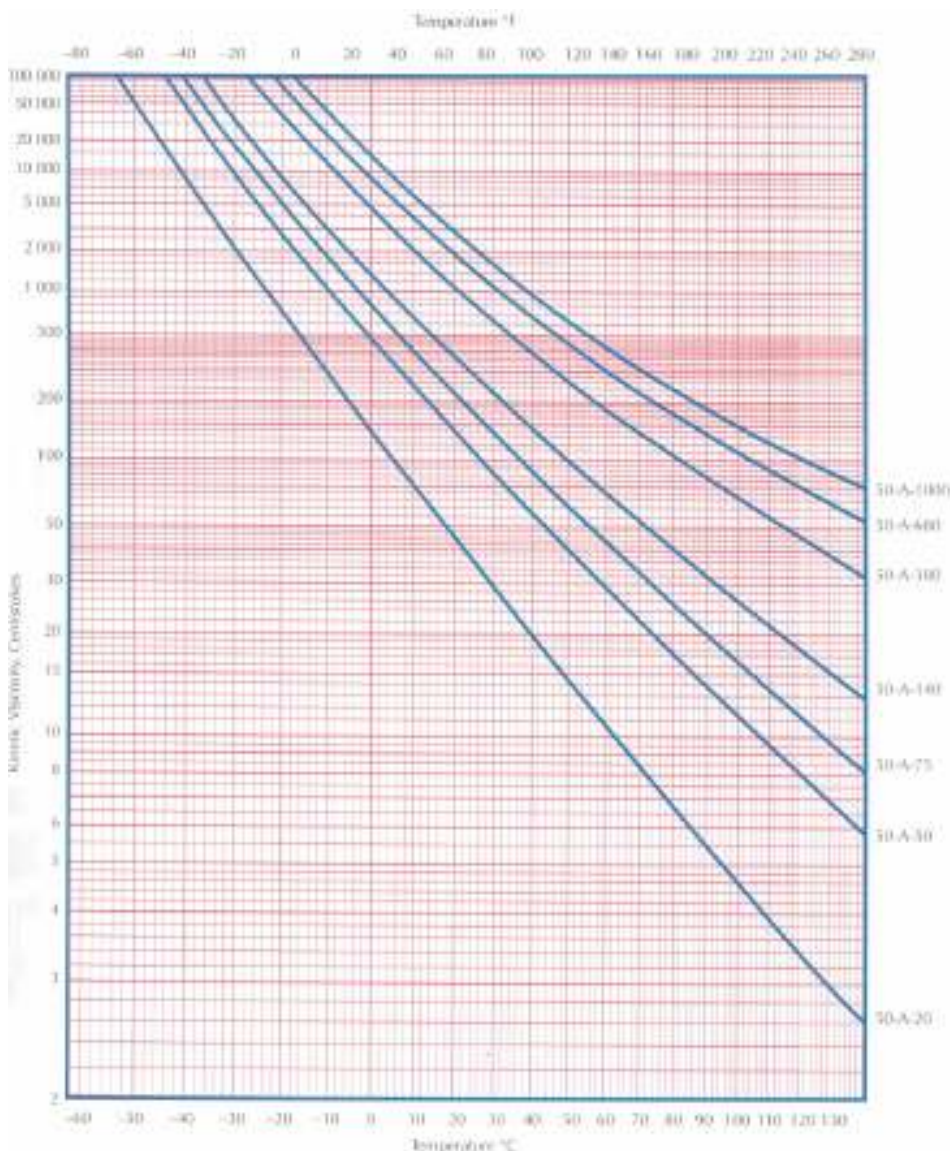
* The typical values presented here are believed to be accurate; they should not, however be considered to constitute a specification.

GEOlube® 50 A 380

This product finds extensive applications when manufacturing and formulating various water soluble lubricants, for example:

- ◆ Gear and calender lubricants,
- ◆ Compressor lubricants,
- ◆ Metal working formulations.

Viscosity vs. Temperature Behaviour



All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in GEO Specialty Chemicals sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding these products is contained in their Safety Data Sheets. Users of these products are urged to review and use this information.

REVISION DATE: DECEMBER 2022

GEOlube® is a registered trademark of GEO Specialty Chemicals, Inc.



Product Compliance

GEOlube[®] 50 A 380 is compliant under the following FDA 21 CFR regulations and may therefore be used in relevant applications where incidental food contact may occur.

173.310	175.105	176.200	176.210	177.1200
177.1210	177.1632	178.3120	178.3570	178.3910

GEOlube[®] 50 A 380 conforms to the Halal requirements in accordance with Islamic Law. (Copy of Halal Certificate available on request).

Kosher Status of GEOlube[®] 50 A 380 : Pareve Passover (Copy of Kosher Certificate available on request)



Registration & Regulatory Information: Please refer to the safety datasheet.

Handling & Storage: This product can be stored for up to 5 years at ambient storage temperature and conditions without any deterioration. Please refer to the safety datasheet for more details.

Miscellaneous: Various pack types available; please contact your local GEO Specialty Chemicals representative for further information.

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