

# GEOLube<sup>®</sup> IL 1007

## Product Data

### GEOLube<sup>®</sup> IL 1007

### TECHNICAL DATA SHEET

#### ▪ North America

340 Mathers Road

Ambler PA 19002

USA

Tel: +1 215 773 9280

(Toll Free 888 519 3883)

Fax: +1 215 773 9424

#### ▪ Europe

Charleston Road

Hardley, Hythe

Southampton, Hampshire

SO45 3ZG

UK

Tel: +44 2380 245 437

Fax: +44 2380 892 501

*E-mail enquiries to:*

[geolubricants@geosc.com](mailto:geolubricants@geosc.com)

[www.geosc.com](http://www.geosc.com)

GEOLube<sup>®</sup> IL 1007 is a water insoluble polyalkylene glycol lubricant base fluid suitable for gear, calender and marine applications. It has an ISO VG 680 viscosity.

#### Typical Physical Properties\*

Property	Value	Method
Viscosity @40°C, cSt (sq.mm/sec)	647	-
Viscosity @100°C, cSt (sq.mm/sec)	99	-
Density @20°C, kg/m <sup>3</sup>	1008	-
Water content, % by wt	0.1	-
Colour, Pt / Co	100	-
Ash, %	0.005	ASTM D482
pH (in 10:6 isopropanol-water solvent)	6.5	-
Flash point, COC, °C	234	ASTM D92
Viscosity index	246	ASTM D2270

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

Compared to some conventional polyalkylene glycols, this product exhibits:

- ♦ Superior resistance to weight loss under oxidising test conditions,
- ♦ When fully formulated, superior resistance to loss of viscosity under the same oxidation test conditions,
- ♦ Minimal residue formation,
- ♦ Inhibition of the formation of a stable emulsion with water, passes ASTM D1401.

## Product Compliance



Kosher Status of **GEOlube® IL 1007** : 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 at least 2 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.

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

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.