

# ROKOLUB PE400

## TECHNICAL PRODUCT SPECIFICATION

<b>NUMBER</b>	<b>TDS: KR/604/01</b>
<b>DATE</b>	25.09.2024.
<b>CHEMICAL NAME</b>	Polyether polyol
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at 25°C ..... Liquid free of suspended matter, possible opalescence</p> <p>Acid value, mg KOH/g ..... max. 0.1 (ASTM D7253-22, bromothymol blue)</p> <p>Water content, % (m/m) ..... max. 0.2 (ASTM D4672-24)</p> <p>Kinematic viscosity at 40°C, mm<sup>2</sup>/s ..... 38 – 46 (ASTM D445-23)</p> <p>Kinematic viscosity at 100°C, mm<sup>2</sup>/s ..... 6 – 9 (ASTM D445-23)</p>
<b>INFORMATIVE DATA*</b>	<p>ISO VG ..... 46</p> <p>Viscosity index ..... ~140</p> <p>Molecular weight, g/mol ..... ~400</p> <p>Flash point, °C ..... ~200</p> <p>Density at temperature 25°C, g/mL ..... ~1.126</p> <p>Contains BHT free antioxidant.</p>

\* These informative data are not technical requirements and cannot form the basis for any claims.

**USE**

Rokolub PE400 is soluble in water, and can be used as synthetic PAG base oil for the formulation of high performance lubricants.

**Applications:**

Base oil for heat transfer fluids, hydraulic fluids, component for metalworking fluids.

The performance advantages offered by PAG based lubricants can be summarized as follows:

- Superior lubricity – reduced wear characteristics and good Extreme Pressure performance,
- Provide a high level of thermal conductivity,
- Offer the safety features of a high flash point and biodegradable condensate.

**PACKAGING**

Tank wagons or tanker trucks made of stainless steel, plastic containers with a capacity of 1 m<sup>3</sup>, steel or plastic drums with a capacity of 200 dm<sup>3</sup> and other packaging as agreed with the customer

**STORAGE**

Store in tightly closed containers, keep away from humidity. Avoid direct sunlight. Maximum storage temperature +40°C. Recommended usage temperature 20-25°C. Viscosity increases as temperature decreases

**SHELF LIFE**

Guaranteed period of stability: 12 months from the date of manufacture. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with performance requirements.

**TRANSPORTATION**

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA

**CLASSIFICATION AND LABELLING**

This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact PCC Rokita for consultation sending an e-mail to: [rokopol@pcc.eu](mailto:rokopol@pcc.eu).

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