

ROKOLUB MOS 680

TECHNICAL SPECIFICATION

PRODUCT

NUMBER

TDS: KR/365/03

DATE

21.10.2025.

CHEMICAL NAME

Stearyl alcohol, buthoxylated

TECHNICAL REQUIREMENTS

Appearance at 25°C Homogeneous liquid,
colourless to yellow

Acid value, mg KOH/g max. 0.1
(ASTM D7253 - 22, bromothymol blue)

Water content, % (m/m)..... max. 0.1
(ASTM D4672 - 24)

Kinematic viscosity at 40°C, mm²/s..... 612 – 748
(ASTM D445 - 24)

Kinematic viscosity at 100°C, mm²/s..... 62 – 84
(ASTM D445 - 24)

INFORMATIVE DATA*

ISO VG.....680

Viscosity index.....~190

Pour point, °C..... <(-25)

Flash point, °C.....>240

Functionality ~1

Density at temp. 25°C, g/ml.....~0.96

Contains BHT free antioxidants

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

USE

Rokolub MOS 680 is a water-insoluble polyalkylene glycol, designed for use as a synthetic PAG base oil or an additive for the formulation of high performance lubricants. The main feature of this product is its miscibility with mineral oils.

It can be used as:

- base stock for synthetic lubricants,
- component/additive improving the miscibility of other components of the formulation.

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

- excellent temperature-viscosity characteristics (high viscosity index, low pour point, high flash point),
- reduced wear characteristics and good Extreme Pressure performance,
- low aniline point, which improves the miscibility of polar and non-polar components of lubricant formulations,
- miscibility with mineral oils in a wide range of concentrations and temperatures.

The product can also be used as a component of formulations for other applications. For detailed information, please contact the Technical Support Department of PCC Rokita SA.

PACKAGING

Tank wagons or tanker trucks made of stainless steel, plastic containers with a capacity of 1 m³, steel or plastic drums with a capacity of 200 dm³ 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 SA for consultation sending an e-mail to: rokopol@pcc.eu. We cannot assume any liability for the use and application of our products, technical assistance and information provided (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations. Therefore, it is imperative that you test our products, technical assistance and information provided to determine to your own satisfaction whether they are suitable for your needs, production, your intended uses and applications. Such analysis adopted to the conditions of the use and application should include at least application tests, technical feasibility of the suggested solutions, taking into account safety requirements, health and environmental issues. Unless otherwise specified in writing, our products are offered under our applicable Standard Terms and Conditions of Sale available on our website. Any information, including technical assistance, is provided without warrant and can change at any time without notice. The parties explicitly agree that the Customer accepts and explicitly releases us from any liability in tort, contract or otherwise, for any loss or damage arising from the use of our products, information or technical assistance. Any declarations and recommendations other than stated herein are not valid or binding. Nothing in this document is intended to be a recommendation to use any product in violation of patent claims concerning material of intended use.