ROKOLUB HYD 32

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TDS NUMBER: KR/657/02
PZZ.02B.F10 TECHNICAL DATA SHEET (SEMI-FINISHED PRODUCT)

TECHNICAL DATA SHEET

1. CHEMICAL COMPOSITION

Polyether alcohol with additives

2. TECHNICAL REQUIREMENTS

Appearance at 25°C	Homogeneous liquid, colourless to yellow
Water content, % (m/m)	max. 0.1 (ASTM D4672-24)
Kinematic viscosity at 40°C, mm^2/s	25-36 (ASTM D445-24)

3. INFORMATIVE DATA*

ISO VG	~32
Viscosity index	~185 (ASTM D2270)
Kinematic viscosity at 100°C, mm^2/s	4.9-7.6 (ASTM D445-24)
Pour point, °C	< -42 (ASTM D97)
Flash point, °C	> 250 (ASTM D92)
Density at temperature 20°C, g/ml	0.99 (ASTM D4878)
Copper strip corrosion test, 3 hrs, 100°C	1a (ASTM D130)
Foaming tendency sequence I, II, III, ml/ml	< 50/0 (ASTM D892)
Air release value, min	<5 (ASTM D3427)
Rust preventing characteristics	PASS (ASTM D665)
Contains BHT free antioxidants	

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

4. APPLICATION

Rokolub HYD 32 is a product with a high viscosity index, insoluble in water, applicable as an HFDU type hydraulic fluid. Using a dedicated product significantly reduces the serious risk of fire in case of leakage.

Designed to work in hydraulic systems:

- in areas at risk of fire, such as metallurgical plants, mines, etc.,
- in case of incidental contact with food,
- when there is a possibility of water pollution

5. PACKAGING

Plastic containers with a capacity of 1 m^3 , steel or plastic drums with a capacity of 200 dm^3 and other packaging as agreed with the customer.

6. 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 decrease.

7. EXPIRATION DATE

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.

8. TRANSPORT

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

9. 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.

OTHER

The information contained in this document is given in good faith, based on our current knowledge and experience. The right is reserved to make changes to the Technical Specifications as a result of technological progress and product improvement by the manufacturer. The product is intended for the purposes described in this technical specification, for industrial use and by professionals. If the Buyer wishes to use the product for purposes other than those indicated herein, the Buyer should contact PCC Rokita for consultation. We are not responsible for the manner and purpose of using our products, technical assistance and information provided (whether verbal, written or in the form of production assessments), including in the form of proposed studies and recommendations. It is therefore essential to test our products, assess the level of technical support and information provided in terms of your own needs and your own production, and check that our products, technical support and information provided are applicable and can be used in the intended applications. This analysis, adapted to the conditions of use of the product, should at least take into account the conducting of application tests and the appropriateness of the proposed solutions from a technical point of view, taking into account safety requirements, health issues and environmental protection. Unless otherwise stated in writing, our products are offered in accordance with the company's standard terms and conditions of sale made available on the website. All information, including that of a technical support nature, is provided without warranty of any kind and is subject to change without notice. The parties expressly agree that the Customer accepts and expressly releases us from any liability in tort, contract or otherwise for events arising in connection with the use of our goods as well as information and support. Any statements and recommendations not included in this document are unlawful and non-binding. Nothing in this document shall be construed as a recommendation to use the products in a manner contrary to the patent claims for materials or methods of use.