

## Special technological oil

### GRAFITOL

Special technological oil is formulated on the base of high-viscosity deeply hydrorefined mineral oil. The oil is mainly used in the production of typographic and newspaper paper inks that require high-quality and high-viscosity technological oils. The oil is also applied in other production processes.

#### Characteristics:

Grafitol oil is recommended for application:

- in paper inks production,
- as anti-adhesive oil in mineral wool processing,
- as a rubber compound ingredient,
- for other applications requiring technologically clean high-viscosity processed oil,

No	Requirements	Research methods by	Unit	Value
1.	Kinematic viscosity at 80°C	ASTM D-445	mm <sup>2</sup> /s	2100
2.	Pour point	ASTM D-97	°C	-9
3	Flash point	PN-EN ISO 2592	°C	320
4.	Acid value	PN-85/C04066	mgKOH/g	0.03

The above given data are the typical values for a production batch, they are not included in technical specification, and they are subject to change due to continual product research and development.

#### Storage:

The products should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low. The expiry date is not less than 3 years if the storage conditions are satisfied.

#### Health, Industrial Safety and the Environment :

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products. LOTOS Oil SA and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil SA office.

*The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23<sup>rd</sup> April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.*

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