

## Special compressor oil

### CYLITEN OIL 460N

Cylinder oil Cyliten 460N is designed for lubrication of high-pressure compressors and other special applications as low-speed gears.

Cyliten oil is formulated upon deeply refined, dewaxed and hydrotreated mineral oils with low susceptibility to coking and greased with vegetable oil to improve lubrication properties. The oil has improved resistance to corrosion.

#### Characteristics :

The oil formula guarantees:

- optimum protection of lubricated elements,
- very good lubrication properties,
- anti-wear protection and long life of lubrication system's parts.

The oils are designed for lubrication of:

- cylinders in high-pressure compressors,
- camshaft parts and compression glands in steam machines,
- circulation systems requiring high-viscosity, no-emulsifying machine oils,
- mechanical gears, including worm gears,
- other intensively used systems requiring oils of high adhesion and resistance to water,
- other special applications.

Lp.	Requirements	Research methods by	Unit	Value
				Cyliten 460N
1.	Kinematic viscosity at 40 <sup>0</sup> C	ASTM D-445	mm <sup>2</sup> /s	460
2.	Pour point	ASTM D-5950	<sup>0</sup> C	-12
3.	Flash point	PN-EN ISO 2592	<sup>0</sup> C	300
4.	Carbon Residue	ASTM D4530	%	0,8
5.	Acid value	ASTM D 664, PN 88/C04049	mgKOH/g	0,1

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

#### Specifications, classifications:

DIN 51506 VB, VBL

DIN 51527 cz1

#### Packaging:

180kg , 1 tonne

**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 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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