

Machine oil

MACHINE OILS L-AN

Machine oils are formulated on the base of deeply refined, dewaxed and hydrorefined mineral oils received from crude oil straight-run distillation.

Characteristics :

The oils formula guarantees:

- protection against corrosion
- good adhesion to lubricated elements,
- proper temperature characteristic.

The oils are designed for:

- lubrication of slightly loaded parts of industrial machines (bearings, guides, mechanical transmissions, spindles etc.),
- slightly loaded flow-through lubrication systems,
- auxiliary friction nodes.

№.	Requirements	Research methods by	Unit	Value							
				10	15	22	32	46	68	100	150
1.	Kinematic viscosity at 40°C	ASTM D-445	mm ² /s	10	15	22	32	46	68	100	10
2.	Pour point	ASTM D-5950	°C	-30	-30	-18	-18	-15	-12	- 12	-30
3.	Flash-point	PN-EN ISO 2592	°C	150	180	210	230	235	240	250	150
4.	Viscosity index	ASTM D-2270	°C	90	90	90	90	90	90	90	90

The above given data are values received at normal tolerance of production batch, they are not included in technical specification and they can undergo changes for constant development of the product.

Specifications, classifications:

ISO VG 10-150,

ISO L-AN,

DIN CL

Packaging:

AN 10, 32, 100: 180kg, 1 tonne

AN 15, 22: 26kg, 180kg, 1 tonne

AN 46: 5l, 17kg, 26kg, 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 23rd 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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