

Hydraulic oil

HYDROMIL L-HL

Hydromil L-HL oils are formulated for power transmission systems and for hydraulic steering systems. They are designed on the base of deeply refined, dewaxed and hydrorefined mineral oils received from crude oil refining. These oils contain a properly selected set of low-ash and ash-free additives that inhibit corrosion, oxidation and foaming, and improve lubrication and deemulsification.

Hydromil L-HL hydraulic oils are suitable for use in medium-load power transmission and hydraulic steering systems.

Characteristics:

The oil formula guarantees:

- good protection of the lubricated components surface,
- high antifoam properties,
- good ventilation,
- excellent deemulsification,
- hydrolytic stability,
- good filtration,
- cleanness of the lubrication system,
- long life of the hydraulic system components.

The oil is designed for lubrication of:

- power transmission and steering hydraulic systems,
- circulating systems.

№	Requirements	Research methods by	Unit	32	46	68
1.	Kinematic Viscosity at 40°C	ASTM D-445	mm ² /s	32	46	69
2.	Pour Point	ASTM D-5950	°C	-36	-33	-30
3.	Flash Point	PN-EN ISO 2592	°C	225	235	250
4.	Demulsibility	PN-86/C-04065	min	15	16	25
5.	Viscosity Index	ASTM D-2270		100	100	98

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 32-150,

ISO-L-HL,

DIN 51524cz1.

Packaging:

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 S.A. 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 S.A. 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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