

AVIA HYDRAULIC OIL L-HV

Description

The oils are characterized by a high level of anti-wear properties and a particularly low dependence of oil viscosity on temperature (improved viscosity-temperature properties).

Produced from deeply refined, dewaxed and hydrorefined mineral oils obtained from crude oil processing. The oils contain a suitably selected set of low-ash or ashless additives with anti-corrosion, antioxidant, lubricating, de-emulsifying and anti-foam properties.

Hydraulic L-HV oils are used in hydraulic drive and control systems, especially in motion equipment, construction machines and in vessels.

Characteristics

The oil technology ensures:

- optimal protection of the surface of the lubricated elements
- high anti-foam properties
- good air release
- very good deemulsifying properties
- hydrolytic stability
- high filterability
- keeping the lubrication systems clean
- protection against wear
- long durability of lubricated parts

Specifications

ISO L-HV
ISO VG 32,46,68.100
DIN 51524-3 HVLP

Typicals

Requirements	Test methods	Unit	32	46	68	100
Kinematic viscosity at 40 ° C	ASTM D 445	mm ² /s	32	46	68	100
Flow temperature	ASTM D 5950	°C	-42	-39	-30	-30
Demulsifying properties	ASTM D 1401	min	<15	<15	<20	<20
Viscosity index	ASTM D 2270		150	145	125	125
Ignition temperature	PN-EN ISO 2592	°C	200	210	220	230
Filtering speed, oil without water	ISO 13357	s	100	100		

The above figures are typical of those obtained with normal production batch, they are not a technical specification, due to continuous development of the product, they may change.



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Packaging 50kg, 180kg, in bulk

Storage All packages should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions - rain, they should be placed in a horizontal position, so as to prevent ingress of water and prevent the destruction of marking, it is best to use canvas.

The product must not be stored in temperatures exceeding 60°C nor exposed to direct sunlight or in low temperatures below 0°C. The guaranteed shelf life of the product for use under storage conditions is 5 years.

Observe the general rules of health and safety at work and comply with the recommendations contained in the current edition of the Safety Data Sheet or the Product Information for which the Safety Data Sheet is not required.

Health, Occupational Health and Safety, Environment

Safety information is included in the Safety Data Sheet (SDS Safety Data Sheet). It contains detailed information on the potential hazards, precautions and First Aid measures, together with information on the impact on the environment and the disposal of used products. UNIMOT S.A. AVIA POLSKA and cooperating companies do not take responsibility for the consequences of improper product use or non-use of the precautions. Before using the product for purposes other than those listed, please consult your local UNIMOT S.A. AVIA POLSKA office.