

LUKOIL GEYSER HV FG 32, 46, 68, 100

Food grade hydraulic oils

PRODUCT DESCRIPTION

LUKOIL GEYSER HV FG Oils – hydraulic oils based on white pharmaceutical oil with highly effective additives. Specially designed for hydraulic systems operated in food and pharmaceutical industries. Can also be used as a general purpose oil, in particular for light-loaded gearboxes.

LUKOIL GEYSER HV FG Oils have good anti-wear properties, and excellent low temperature, have very good anti-corrosion properties and stability to oxidation and aging. It is also prevents foam formation.

LUKOIL GEYSER HV Oils are registered in NSF according to H1 regulations for lubricants with incidental food contact.



Nonfood compounds
Program listed H1
№ 158503, 158504, 158506, 158505



ADVANTAGES:

- Good anti-wear properties
- Excellent anti-oxidation and corrosion protection
- Low foam formats
- Tasteless, odorless

COMPOSITION:

- Pharmaceutical white oil
- Package of special additives

APPLICATION IN UNITS:

- Hydraulic systems
- Rolling and sliding bearings with oil circulation lubrication
- Hydrostatic transmission
- Multipurpose oil for light-loaded gearboxes
- Details of machinery and equipment in food and pharmaceutical industries which require use of lubricants with food grade H1

APPLICATION EXAMPLES:

- Hydraulic systems
- Centralized lubrication systems
- Lifting mechanisms for food industry e.g. cutter cup opener at meet plant

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These products are manufactured according to STO 65561488-078-2016

LUKOIL GEYSER HV FG Oils

TYPICAL PROPERTIES

Standart	Property	Unit	32	46	68	100
	Base oil		White oil			
	Colour		Colorless	Colorless	Colorless	Colorless
ISO 12185	Density	g/sm ³	0,857	0,857	0,863	0,866
ISO 2592	Flash point	°C	>190	>190	>190	>190
ISO 3016	Pour point	°C	-10	-10	-10	-10
ASTM	Viscosity grade		32	46	68	100
ISO 2909	Viscosity index		>130	>130	>135	>140
ISO 3104	Base oil viscosity at 40 °C	mm ² /s	32	46	68	100
ISO 3104	Base oil viscosity at 100 °C	mm ² /s	7	9	10	15
ISO 20623	4-ball wear scar	mm	<0,5	<0,5	<0,5	<0,5
ISO 2160	Copper corrosion (3h/100 °C)		1a	1a	1a	1a
	Temperature range	°C	-15..+120	-10..+120	-10..+120	-10..+120

HOW TO USE

This oils can be applied by immersion, circulations or injection. Also can be applied by gravity oil feed, by brush or lubricator.

USABLE LIFE AND STORAGE

When stored in the original unopened containers in a dry place, this product has a shelf life of at least 36 months from the date of production. Avoid exposure of the product to temperature above 35°C.

HANDLING PRECAUTIONS

This product doesn't contain any toxic ingredients. During storage, transportation and application of this product, the safety rules for handling mineral lubricating materials and the environment protection regulations must be observed.

For further information on how to use LUKOIL® products, please refer to the product MSDS.

TECHNICAL SUPPORT

For correct selection of lubricating materials to meet your needs, for more detailed information on the products, as well as if you have any other questions, we recommend you to contact our technical support service specialists by e-mail: grease.support@lukoil.com

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Product technical properties are typical and can vary in strong limits.

Due to research and development of science and technology technical properties of product indicated in this Technical Data Sheet can be changed without notification.