

LUKOIL CARBOFLEX ARCTIC OG 900 HD

Specialty low-temperature grease for open gears with Solid Lubricants

DESCRIPTION

LUKOIL® CARBOFLEX ARCTIC OG 900 HD is liquid grease for draglines and shovel buckets based on specialty high-viscosity oil and solid lubricants. Satisfy P&H 520 ed.00, 3-97 requirements.

Grease LUKOIL® CARBOFLEX ARCTIC OG 900 HD can be pumped through the centralized lubrication systems and operate at extreme low temperature from -50 to -20°C, and withstand extreme loads. The grease is formulated to provide reliable lubrication, good thermal stability, and good structure stability during storage and operation.



<p><u>ADVANTAGES:</u></p> <ul style="list-style-type: none"> • Very high load carrying capacity • Excellent adhesion • Excellent low temperature pumping ability, also can be applied by spraying • Satisfy P&H 520 ed.00, 3-97 requirements. 	<p><u>COMPOSITION:</u></p> <ul style="list-style-type: none"> • High-viscosity mineral oil • Additive package: anti-oxidation, anti-corrosion, and adhesive additives • Solid lubricants
<p><u>APPLICABLE IN UNITS:</u></p> <ul style="list-style-type: none"> • Open gear drives • Guideways • Cables • Chains 	<p><u>APPLICATIONS:</u></p> <ul style="list-style-type: none"> • Shovel bucket handles and bushings in the bucket excavators and draglines • Centralized lubrication systems of the quarry and mining machinery

LUKOIL CARBOFLEX ARCTIC OG 900 HD. Edition 07/19 replaces edition 04/18

This product is manufactured according to STO 65561488-057-2016

LUKOIL® CARBOFLEX ARCTIC OG OG 900 HD

TYPICAL PROPERTIES

Standard*	Property	Unit	OG 900 HD
	Color, appearance		Black
	Service temperature range	°C	-50 to -20
DIN 51818	NLGI consistency class		liquid
DIN 51562	Base oil viscosity at 40°C	mm ² /s	900
ASTM D92	Flash point in open cup, not less	°C	130
DIN 51805	Flow pressure at -50°C	mBar	<1400
ASTM D2596	Weld load (4-ball machine test) at 25°C	N	>4900
ASTM D2266	Wear scar (4-ball machine test)	mm	0,6
DIN 51802	Corrosion degree (rolling bearing, distilled water)		0-0
ASTM D 4048	Corrosion degree (copper strip)		1a

*DIN: Deutsche Industrie Norm

ISO: International Standardization Organization

ASTM: American Society for Testing and Materials.

HOW TO USE

These greases can be applied manually with brush or spatula, as well as through centralized lubrication system.

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.

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 the proper 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.