

# LUKOIL CARBOFLEX ARCTIC OG 900 HD

Specialty low-temperature grease for open gears with solid lubricants meeting P&H 520 requirements

## **DESCRIPTION**

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

LUKOIL® CARBOFLEX ARCTIC OG 900 HD grease is efficient and can be pumped in centralized lubrication systems at temperatures from –50 °C up to –20 °C. The grease is formulated to provide reliable lubrication, resistance to extreme loads, excellent thermal stability, and high structure stability during storage and operation.



<p><b>ADVANTAGES:</b></p> <ul style="list-style-type: none"> <li>• Meets P&amp;H 520 requirements</li> <li>• Very high load carrying capacity</li> <li>• Excellent low temperature features</li> <li>• Good adhesion</li> <li>• Superior pumping ability</li> </ul>	<p><b>COMPOSITION:</b></p> <ul style="list-style-type: none"> <li>• High-viscosity mineral oil</li> <li>• Additive package: anti-oxidation, anti-corrosion, and adhesive additives</li> <li>• Solid lubricants</li> </ul>
<p><b>APPLICATION IN UNITS:</b></p> <ul style="list-style-type: none"> <li>• Open gear drives</li> <li>• Guideways</li> <li>• Chains</li> <li>• Cables</li> </ul>	<p><b>APPLICATION EXAMPLES:</b></p> <ul style="list-style-type: none"> <li>• Open gear drives, shovel bucket handles and bushings of excavators and draglines</li> <li>• Centralized lubrication systems of the quarry and mining machinery</li> </ul>

LUKOIL® CARBOFLEX ARCTIC OG 900 HD. Edition 12/21 replaces edition 09/19

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

**LUKOIL® CARBOFLEX ARCTIC OG 900 HD TYPICAL PROPERTIES**

Standard	Property	Unit	Value
	Color		Black
	Service temperature range	°C	-50 to -20
DIN 51818	NLGI grade		Thick liquid
DIN 51562	Base oil viscosity @ 40 °C	mm <sup>2</sup> /s	900
ASTM D92	Flash point in open cup	°C	>130
DIN 51805	Flow pressure @ -50 °C	mbar	<1400
ASTM D2596	Four Ball Weld Load @ 25 °C	N kg	4900 500
ASTM D2266	Four Ball Wear Scar Diameter	mm	0.6
DIN 51802	Corrosion protection (SKF-Emcor, distilled water)		0-0
ASTM D4048	Copper corrosion		1a

**HOW TO USE**

This grease can be applied through centralized lubrication system, as well as by spraying.

**USABLE LIFE AND STORAGE**

The guaranteed shelf life is 36 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

**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, and to get 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](mailto: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.