

# LUKOIL PIPEFLEX 131 HT

Thread compound

## **DESCRIPTION**

LUKOIL® PIPEFLEX 131 HT is intended to seal all types of threads of well casing, oil-well tubing, drill pipes and pipelines of any diameter when operating at pressures up to 70 MPa. Suitable for pipes of ordinary and cold-resistant type, subjected to repeated make-up and break-out. It is efficient at temperature from –50 °C to + 200 °C. Metal free.

LUKOIL® PIPEFLEX 131 HT based on high-quality mineral base oil blend, thickened with lithium soap fortified with package of high performance additives and solid lubricants: PTFE and graphite.

Due to its composition, LUKOIL® PIPEFLEX 131 HT has excellent anti-wear and extreme pressure properties, ensures reliable pipe sealing and protects thread connections from H<sub>2</sub>S and CO<sub>2</sub>.



<p><b>ADVANTAGES:</b></p> <ul style="list-style-type: none"> <li>• Provides high extreme pressure, anti-wear and anti-corrosion protection</li> <li>• Protects thread connections during storage and operation</li> <li>• Provides sealing</li> <li>• Increases thread life</li> <li>• Protects from H<sub>2</sub>S и CO<sub>2</sub></li> </ul>	<p><b>COMPOSITION:</b></p> <ul style="list-style-type: none"> <li>• High-purified mineral oil blend</li> <li>• Lithium soap</li> <li>• Additives package</li> <li>• Solid lubricants: PTFE, graphite</li> </ul>
<p><b>APPLICATION IN UNITS:</b></p> <ul style="list-style-type: none"> <li>• Thread connections</li> </ul>	<p><b>APPLICATION EXAMPLES:</b></p> <ul style="list-style-type: none"> <li>• Well casing</li> <li>• Oil-well tubing</li> <li>• Drill pipes</li> </ul>

LUKOIL PIPEFLEX 131 HT. Edition 12/21 replaces edition 07/19

This product is manufactured according to STO 65561488-069-2016

**LUKOIL® PIPEFLEX 131 HT TYPICAL PROPERTIES**

Standard	Property	Unit	Value
	Color		Dark metallic
	Service temperature range	°C	-50... +200
DIN 51818	NLGI grade		1
ASTM D217	Worked penetration	mm/10	320-350
ISO 13678	Worked penetration @ -18 °C, not less	mm/10	200
ISO 2176	Dropping point, not less	°C	138
ISO 13678	Evaporation (24 h, @ 100 °C), not more	%	2.0
ISO 13678	Oil separation (24 h, @ 100 °C), not more	%	5.0
ISO 13678	Brush application @ -18 °C		Possible
ISO 13678	Spatula application @ -40 °C		Possible
ISO 13678	Adhesion after 12 h of exposure @ 66 °C, not more	%	1
ASTM D4048	Copper corrosion		1a
ISO 13678	Water leaching, weight loss for 2 h @ 66 °C, not more	%	5

**HOW TO USE**

This compound can be applied manually with a brush or a spatula, mix before use.

**USABLE LIFE AND STORAGE**

The guaranteed shelf life is 60 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

**HANDLING PRECAUTIONS**

In accordance with GOST 12.1.007, this product belongs to the 3<sup>rd</sup> hazard class, i.e. moderately hazardous materials. 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 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 properties of product indicated in this Technical Data Sheet can be changed without notification.