

Gearbox grease OS

Gearbox grease

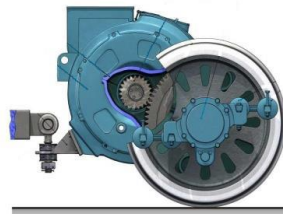
DESCRIPTION

Gearbox greases OS-L and OS-Z are semi-fluid gear lubricants, manufactured on the basis of high-viscosity mineral oil, thickened with sodium soaps of fatty acids, with the addition of an extreme pressure additive. It is produced at one of the most modern industrial facilities in Russia, using high-quality raw materials.

Greases OS-L and OS-Z are used for lubrication of gear drives of gearboxes, traction gearboxes of locomotives, gearboxes of agricultural, road and construction equipment, gearboxes of industrial equipment of metallurgical, mining and other enterprises, respectively, in summer and winter.

Gear grease OS-L is recommended for operation in summer.

Gear grease OS-Z is recommended for operation in winter.



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|---|---|
| <p><u>ADVANTAGES:</u></p> <ul style="list-style-type: none"> • Excellent anti-wear and extreme pressure properties • Good protective performance • Excellent water resistance • High adhesiveness, due to which the lubricant forms a strong lubricating film on friction surfaces | <p><u>COMPOSITION:</u></p> <ul style="list-style-type: none"> • High viscosity mineral oil • Sodium soap • Anti-wear and extreme pressure additives |
| <p><u>APPLICATION IN UNITS:</u></p> <ul style="list-style-type: none"> • Heavy duty gearboxes | <p><u>APPLICATION EXAMPLES:</u></p> <ul style="list-style-type: none"> • Traction gearboxes for locomotives • Gearboxes of agricultural, road and construction equipment • Reducer of industrial equipment of metallurgical, mining and other enterprises |

Gearbox grease OS. Edition 12/21, replaces all previously published edition

These products are manufactured according to TU 0254-001-65561488-2013

Gearbox grease OS-L and OS-Z TYPICAL PROPERTIES

| Standard | Property | Unit | OS-L | OS-Z |
|------------|--|---------|---|------|
| | Appearance | | Homogeneous soft ointment from dark brown to black or green-brown | |
| GOST 6258 | Assumed viscosity @ 100 °C | Degrees | 7–12 | 3–7 |
| GOST 1461 | Ash content, max | % | 3 | |
| GOST 2477 | Water content, max | % | 0.5 | |
| GOST 9.080 | Corrosion effect to metals: steel 40, 45 or 50 | | Pass | |
| GOST 6479 | Mechanical impurities content, max | % | 0.1 | |
| GOST 9490 | Four Ball Weld Load (P_c), min | N | 1800 | |
| | Four Ball Non-Seizure Load (P_k), min | N | 686 | |
| | Four Ball Load Wear Index | N | 343 | |
| | Four Ball Scar Diameter (Di) at a load of 329 N for 1 h, max | mm | 0.7 | |

HOW TO USE

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

USABLE LIFE AND STORAGE

The guaranteed shelf life is 12 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

HANDLING PRECAUTIONS

These products don't contain any toxic ingredients. During storage, transportation, and application of these products, 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

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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.