

LUKOIL SIGNUM L 3-150

Lithium-grease for a wide range of applications

Approvals

Meets requirements

- DIN 51502
- DIN 51825 K 3 N-30
- ISO 6743-9 L-XCDEA 3

Product description

LUKOIL SIGNUM L 3-150 is a lithium saponified multipurpose grease based on mineral baseoil which has been refined with oxidation, wear and corrosion protection. LUKOIL SIGNUM L 3-150 resists high mechanical loads and thermal stress and guarantees reliable protection of components even under high sliding and shock loads. Even after temporarily exceeding its dropping point, it regains its normal appearance and its normal properties.

LUKOIL SIGNUM L 3-150 can be used universally in roller and plain bearings in vehicles, work and production machines. The good transportability through long pipelines enables the application in central lubrication systems. The universal area of application reduces the risk of mix-ups and also the storage costs. It remains at the lubrication point over a wide temperature range.

Application

- Multipurpose grease
- Plain and roller bearings
- Vehicles, work and production machines
- Wheel bearing
- Continuous operation
- Centralized systems
- Wide temperature range
- Rotation speeds
from 500 up to 6000 rpm

Benefits

EFFECTIVE CORROSION RESISTANCE

Minimizes corrosion and premature wear

STABLE LUBRICATION FILM

Protects the bearings even under heavy loads and shock loads

RESISTANCE TO WATER

Enables outdoor usage

PUMPABILITY

Easy flow in centralized systems

MULTI-AREA GREASE

Universal application area minimizes the risk of mix-ups and reduces the storage costs

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by LUKOIL LUBRICANTS EAST EUROPE S.R.L.

Property	Test methods	Value
Marking according to DIN 51825	DIN 51825	K 3 N-30
Marking according to ISO 6743-9	ISO 6743-9	L-XCDEA3
Thickener		Lithium
Colour	visually	amber
Temperature range, °C	DIN 51818	-30 to +130
NLGI consistency class	ISO 2137/ ASTM D 217	3
Worked penetration (mixed, 60 double strokes), mm/10	DIN 51562	220- 250
Base oil viscosity @ 40°C, mm ² /s	DIN 51562	150
Dropping point, °C, min.	ISO 2176/ISO 6299	195
Weld load (4-ball machine test) at 25°C, N	ASTM D2596	<2000
Wear scar (4-ball machine test), mm	ASTM D2596	0.77
Copper corrosion	ASTM D4048	1b

Shelf life and storage

When stored in the original unopened containers in a dry place, this product has a shelf life of 5 years from the date of production.

Safety, Health, Environment

This product doesn't contain any toxic ingredients. During storage, transportation and application of this product, the safety rules for handling lubricating materials and the environment protection regulations must be observed. For further information on how to use LUKOIL products, please refer to the material safety data sheet.