

LS-2 Grease

TECHNICAL DATA SHEET

Description

Multi-purpose lithium base greases with anti-wear properties for general lubrication. They are suitable for most lubrication requirements of vehicles and general industrial use. It is designed for operating temperatures range from -30°C to +120°C.

Application

LS-2 is formulated specially for lubrication of bearings with application in industrial vehicles and farming machinery.

Operation Characteristics

- Improved stability and resistance to shear.
- Resistance to water washout.
- Excellent adhesion to metal surfaces.
- Excellent pumpability, even at low temperatures.

Specifications, Approvals, Recommendations

NLGI-2, DIN51825 K2K-30, ISO 6743-9 L-XCCHA2

Optimum operating range: -30 +120 °C

Physical-Chemical Characteristics

LS-2	Method	
NLGI Grade		2
Thickener Type		Lithium Soap
Color		Light Brown
Dropping Point, °C	ASTM D-566	>200
Base Oil Viscosity at 40°C (mm ² /s)	ASTM D-445	100
Cone Penetration at 25°C mm ⁻¹ (work 60 str.)	ASTM D-217	265 - 295
Copper Strip Corrosion, max	ASTMD-4048	1b
Oil Separation, %	ASTM D-1742	<5
Rust Prevention	ASTM D-1743	Pass
Water Washout wt% loss at 80°C, max	ASTM D-1264	10

These are typical values. Small variation should be expected for future productions / blendings.

Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.

Date of compilation: 22/09/2017

Revised: 13/10/2023

Version: 2 (Replaced 1)