

GREASE LS COMP series

Description

High quality special lithium complex greases suitable for high temperature operations and heavy load requirements.
Operating Temperature: -30 °C to +150 °C.

Application

LS COMP greases are suitable for a wide range of general purpose applications demanding EP and high temperature properties. They can be used in heavy duty wheel bearings axles, ball joints, chains, cables etc.

Operation Characteristics

- Resistance to water washout.
- Excellent adhesion to metal surfaces.
- Maximum equipment protection.
- Wide temperature range of efficient operation.
- High resistance to extreme operating conditions.

Specifications, Approvals, Recommendations

DIN 51825: KP1, P-30, DIN 51825: KP 2, P-30, DIN 51825: KP3, P-30

Typical Physical Characteristics

	ASTM	LS- COMP		
		1	2	3
NLGI Grade		1	2	3
Dropping Point °C	D- 566	>260	>260	>260
Base Oil Viscosity at 40°C (cSt)	D-445	220	220	220
Cone Penetration @25°C mm⁻¹ (work 60 str.)	D-217	310- 340	265- 295	220- 250
Copper Corrosion , max	D-4048	1b	1b	1b
Oxid. stability after 100h, pressure drop	D-942	max 5	max 5	max 5
Water stability 100000 strokes +10% H2O mm⁻¹	DIN -51804	<60	<60	<60
Oil Separation %.	D-1742	max 5	max 5	max 5
Roll stability,mm⁻¹	D-1831	-25 to +60	-25 to +60	-25 to +60
4ball wear test , mm	D-2266	<0,6	<0,6	<0,6
4ball weld point test kg	D-2596	>280	>280	>280
Water Washout wt% loss	D-1264	10 max	10 max	10 max
Rust Prevention	D-1743	Pass	Pass	Pass

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.