

NS GREASE EP LI 2X

NLGI 2 - Lithium Complex EP Grease - ISO VG 220 Base Oil
SKU: xxxxxx

PRODUCT OVERVIEW

NS Grease EP Li 2X is a premium multi-purpose extreme-pressure grease based on a lithium complex soap thickener and a high viscosity index mineral base oil of ISO VG 220. The complex soap structure delivers a high dropping point and holds consistency under vibration and shock loading, while the additive system provides extreme-pressure performance, oxidation resistance and protection against water washout and corrosion. It is intended for heavily loaded bearings running at elevated temperatures, where a conventional lithium grease would soften or oxidise.

APPLICATIONS

Recommended for heavily loaded plain and rolling bearings operating at high temperature: continuous casting plant, vibrating screens and sieves, crushers and breakers, quarry and mining equipment, roller conveyors, kiln cars, electric motors and automotive wheel bearings. Suitable for manual application, grease guns and centralised systems. Compatible with lithium, lithium complex and calcium soap greases; not compatible with barium, clay or polyurea thickened products. Not a substitute where a molybdenum disulphide grease is specified.

SPECIFICATIONS Meets or exceeds: **ASTM D4950 GC-LB | DIN 51825 KP2N-20 | ISO 6743-9 L-XBDHB 2**

CHARACTERISTICS*

PROPERTY	TEST METHOD	VALUE
NLGI Consistency Grade	ASTM D217	2
Thickener Type	—	Lithium complex
Base Oil Type	—	Mineral
Base Oil Viscosity @ 40°C, cSt	ASTM D445	220
Base Oil Viscosity @ 100°C, cSt	ASTM D445	19
Worked Penetration @ 25°C, 0.1 mm	ASTM D217	265 - 295
Dropping Point, °C	ASTM D2265	≥250
Operating Temperature Range, °C	—	-20 to +140

*The specifications above are for illustrative purposes and communicated for information only.

PROPERTIES & BENEFITS

High Temperature Performance

The lithium complex soap gives a dropping point far above conventional lithium greases, sustaining film integrity in continuous service to 140°C.

Load Carrying Capacity

Extreme-pressure additives protect heavily loaded, slow-moving and shock-loaded bearings against wear and surface distress.

Mechanical Stability

Consistency is retained under prolonged vibration and shock loading, resisting softening and leakage from bearing housings.

Water and Corrosion Resistance

Holds its film and resists washout in the presence of water, protecting bearing surfaces against rust and corrosion.