

## LUBRAL LiX EP 1 - 220

### DESCRIPTION

High quality lithium soap grease made with vegetable fatty acids, highly refined mineral oils and additives that give it extraordinary characteristics of resistance to corrosion and oxidation, extreme pressure, adhesiveness, water washout and long application service.

### BENEFITS

- Good pumpability.
- High mechanical stability.
- Excellent protection against wear, rust and corrosion.
- Extreme pressure characteristics.
- High water washout resistance.
- High adhesiveness.

### APPLICATIONS

This grease is recommended for the lubrication of bearings, rolling bearings and sliding surfaces operating under normal to severe service conditions. Especially recommended for high loads, including occasional shocks due to overload in equipment. Thanks to its texture and excellent pumpability, it is recommended for centralized systems, and due to its high resistance to water washout, it is recommended in applications where equipment is exposed to contamination with water.

It is applied in the lubrication of wheels, chassis and fifth wheel of tractors, rolling mills, transfer tables, mining equipment, paper plants, breakers or material shredders, etc.

It meets the automotive and industrial specifications required by the ASTM D4950 standard, established in the GC-LB classification endorsed by the National Lubricating Grease Institute.

### CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
NLGI Grade	ASTM D217	1
Thickener	ASTM D128	Lithium
Color	Visual	Amber
Texture	Visual	Smooth
Worked penetration @ 60 strokes, 1/10mm	ASTM D217	325
Dropping point, °C	ASTM D2265	260
Water washout @ 80 °C, % weight loss	ASTM D1264	5
Base oil viscosity @ 40 °C, cSt	ASTM D445	220
Timken OK Load, lbs.	ASTM D2509	40
4 balls (Weld point), Kg	ASTM D2596	315
Leakage tendencies, % weight loss, max.	ASTM D1263	1.0
Operating Temperature, °C	-	-20 a 190

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations, that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact [venta@lubral.com](mailto:venta@lubral.com).