



## QUANTUM® LITHIUM GREASE NLGI-II

**Description:** This is a Lithium extreme pressure (EP) lubricating grease based on lithium 12-hydroxystearate soap thickener and high-quality mineral base oil. It contains antioxidants, rust and corrosion inhibitors and extreme pressure/anti-wear additives. It has the following benefits:

- Wide Operating Temperature range: from -30 °C up to 120 °C,
- Excellent Mechanical Stability prevents softening and leakage,
- Very good Anti-Wear & High Load Carrying Capacity, EP greases, protect equipment exposed to high loads,
- Very Good Resistance against water,
- Very Good Rust and Corrosion Protection
- Wide range of Industrial and Automotive machinery/equipment.

**Application:** This grease is applied in construction, Mining and Agriculture equipment, On-road and off-road vehicles, Heavy Industrial machinery, electro-motors, fans. Typical Applications are: Highly Loaded Plain and Rolling element Bearings, Joints, Axles, Pins and Bushings.

**Performance Level:** ISO 6743/9: ISO-L-XCCHB 2, DIN 51502, DIN 51825: KP2K-30

**Typicals:**

Appearance	Visual	Smooth and Homogenous
Color	Visual	Yellow-to-Brown
Thickener		Lithium 12-hydroxystearate
Base Oil Viscosity at 40° C, mm <sup>2</sup> /s	ISO 3104	100
NLGI Grade	ASTM D217	2
Operating Temperature Range, °C		-30 to 120
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 -295
Dropping Point, °C	ISO 6299	> 185
Rust Test, EMCOR	ISO 11007	0-0
Water Resistance Test, at 90° C	DIN 51 807-1	max 1-90
Four-Ball EP Test, Weld Point, N	ASTM D2596	2500

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application. For more information about product MSDS, terms and conditions for storage and shelf life please visit: [www.quantum-oils.com](http://www.quantum-oils.com)