

## LITHOL-24

*Multipurpose Lithium Grease*

**Lithol-24** is multipurpose industrial grease based on a blend of high viscosity index mineral oils and a lithium hydroxystreate soap thickener with antioxidant, anti-wear and water resistant properties. It is suitable for general industrial lubrication of different types of bearings and gears, also it commonly used as universal automotive grease. Lithol-24 provide reliable performance in a wide temperature, load and speed range due to high dropping point, good water resistance and shear stability. Lithol-24 is recommended for use over the temperature range -40°C to 120°C.

### Applications

- General industrial lubrication in wide range of operating conditions at high temperatures or in the presence of water
- Rolling element bearings, electric motor bearings, water pump bearings
- Different automotive applications, including agricultural, mining and construction

Features	Advantages and Potential Benefits
Wide range of operating conditions	Very good performance up to +120°C provides longer bearing life. Short-term service at up to 130°C
Good oxidation and mechanical stability	Resist the formation of deposits caused by oxidation at high operating temperatures
Good corrosion resistance	Effective protection in adverse environments
Good oil separation	Prolong storage without changes in consistency

Specification	Lithol-24
DIN 51502	K3K-40

### Typical Characteristics

Properties	Method	Lithol-24
NLGI Grade		3
Thickener Type		Lithium
Color	visual	Brown
Penetration, worked 60 stokes, mm/10	ASTM D217	240
Dropping Point, °C	ASTM D566	194
Base Oil Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	68
4-Ball Weld Load, N	ASTM D2596	1410
Oil Separation, wt%	ASTM D6184	11

### Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.