

SDS: 640 Issue: 04 Ref: 948.000

# Product Information K48 MOLY GREASE

### Description

K48 is a premium quality multi-purpose grease for use in all anti-friction and plain bearings subjected to high load conditions. The incorporation of Molybdenum Disulphide imparts a high degree of wear protection against load, shock loading and dusty environments. Used extensively for applications throughout industry and the automotive sector.

#### **FEATURES**

- Excellent extreme pressure and anti-wear performance.
- High degree of corrosion protection.
- Highly versatile multi purpose grease.

#### **Applications**

K48 is specially formulated for use in industrial equipment, cars, vans, trucks and construction plant such as bulldozers, scrapers, loading shovels and dump trucks where it will give superior performance, in all industrial plain and rolling element bearings. It is particularly recommended for constant velocity joints and fifth wheel lubrication. It is particularly effective where movements are small or intermittent and where fretting corrosion is a problem.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

## **Physical Characteristics**

Appearance	Dark grey / black	
NLGI consistency	2	
Thickener	Lithium soap	







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#### PHYSICAL CHARACTERISTICS CONTINUED......

Base oil viscosity @ 40 °C (IP71) cSt	180
Work penetration (IP50)	265 to 295
Dropping point (IP132) °C	185 min.
Oil separation (IP121) %	5 max
Copper corrosion (IP112)	Pass
Resistance to corrosion Emcor (IP 220)	0:0
Water washout (ASTM D 1264) @ 39 °C %	3
Four Ball Weld Load (IP239) kgs	315
Timken OK value (IP 326 kgs (lbs)	50
Oxidation stability @ 100 °C (IP142)	
Pressure drop after 100 hrs psi	4
400 hrs psi	14
Molybdenum Disulphide content %	1
Operating temperature range °C	-20 to +140



