



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.
- Excellent shock loading Protection.

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 prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer.

Performance Level:

DIN 51502 KPF2N-20
ISO 6743-9 L-XBDHB2

Physical Characteristics:

Appearance	Grey/Black
NLGI Consistency	2
Thickener	Lithium
Molybdenum Disulphide Content	1%
Base Oil	Solvent refined mineral oil
Base Oil Viscosity @ 40 °C (cSt)	180
Worked Penetration	265 to 295
Dropping Point (°C)	185
Oil Separation (%)	5
Copper Corrosion	Pass
Resistance to Corrosion EMCOR	0:0
Water Washout @ 39 °C (%)	3
Four Ball Weld Load (Kgs)	315
Timken OK load (lbs)	50
Operating Temperature Range (°C)	-20 to +140

Part No.s: KMO180, KMO400, KMO050, KMO075, KMO500, KMO003

(TDS K48 – 231015 Issue 5)

