



OPUS LUBRICANTS PRODUCT DATA

PHALANX EPM2

Description

A specially developed lithium complex grease fortified with molybdenum disulphide (MoS₂) solid film lubricant for applications where the grease is required to cope with more arduous conditions, such as high loads, shock loading, wet and temperature extremes. PHALANX EP2M is designed for plain as well as anti-friction bearings, its high load carrying capacity make this grease ideal for CV joints.

Benefits

- Exceptional mechanical stability extends relubrication intervals.
- Good oxidation stability provides lasting lubrication at high temperatures.
- High degree of corrosion resistance protects components operating in wet conditions.
- Extreme load carrying and impact resistance properties prolongs component life.

Application

PHALANX EP2M can be applied by hand, or by using a standard grease gun (400g cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation.

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.

Typical Data

Appearance	-	Grey/Black adhesive grease
NLGI classification	-	2
Thickener	-	Lithium complex soap
Base oil	-	Mineral oil
Dropping point (IP132)	-	250°C min.
Copper corrosion (IP112)	-	Pass
Dynamic corrosion resistance (EMCOR) (IP220)	-	0:0
Timken OK load (IP326)	-	20kgs (45lbs)
4 Ball weld load (IP239)	-	450kgs.
Temperature range	-	-20°C to +150°C (180°C intermittent)

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