

# TECHNICAL PRODUCTS INFORMATION

## PRODUCT NAME: HEAVY DUTY GREASES

Available, in NLGI Nos. 1 and 2, these are premium quality heavy duty semi-synthetic greases for use in plain and anti-friction bearings subjected to high load, and where boundary lubrication conditions can cause premature wear. Incorporating a heavy base oil and molybdenum disulphide, HEAVY DUTY GREASES are designed as multi-purpose greases for arduous indoor and outdoor applications encountered in the quarrying, mining, road building, earthmoving and other aggressive working environments.

## COST SAVING BENEFITS

1. Excellent load carrying properties ensuring maximum protection and increased component life.
2. Good impact resistance to withstand shock loading.
3. Adhesion qualities assist start-up and provides protection against corrosion.
4. Water resistant so increasing lubrication intervals.

## METHOD OF APPLICATION

HEAVY DUTY GREASE 1 can be applied by hand, or via a central lubricating system capable of pumping an NLGI No. 1 grease.

HEAVY DUTY GREASE 2 can be applied by hand, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system capable of pumping an NLGI No.2 grease.

## TYPICAL PHYSICAL CHARACTERISTICS

	<u>HEAVY DUTY GREASE 1</u>	<u>HEAVY DUTY GREASE 2</u>
Appearance	Grey/black tacky grease	Grey/black tacky grease
Thickener	Lithium soap	Lithium soap
NLGI classification	1	2
Dropping point (ASTM D2265)	180°C min.	180°C min.
Timken OK load (IP326)	25kgs (551bs)	25kgs (551bs)
Shell Four Ball		
Weld load (IP239)	355kgs	355kgs
Mean Hertz load	64	64
Operating temperature range	- 15°C to + 120°C	- 15°C to + 120°C



BS EN ISO 9002: 1994  
Certificate No.FM 40035