



# PRODUCT DATA SHEET

## COMPLEX HD23

LUBRICATION BEYOND OIL AND GREASE

### ***DESCRIPTION***

**TALCOR Complex HD23 is high temperature Heavy Duty Grease** which comprises a shear stable lithium complex soap and highly refined base oils fortified with Talcor's unique T.S.P. additive package.

### ***TYPICAL APPLICATION***

- Heavy duty plant lubrication, ball and roller bearings, pins & bushings, chassis, slides, and ways where temperatures and loads are high and/or operates in a wet environment which requires tenacious sealing whilst not compromising pumpability. Typical industries are Mining, Cement, Steel, Sugar, Construction and Transport.

### ***BENEFITS***

- Wide variety of applications and temperature range thus reducing inventory costs and product misapplication.
- Superior EP properties to reduce wear and extend component life, reduce maintenance cost and downtime.
- The T.S.P. fillers provide a natural positive affinity to all metal surfaces to ensure lubrication during frequent start ups, slow speeds or heavy loads.
- Bonding and cohesive properties provide superior lubricant retention in bearings and bushes
- Designed for self-sealing protection, to keep lubricant in and contamination out.
- Good pumpability over a wide temperature range, can be dispensed by conventional automatic systems where required.



# PRODUCT DATA SHEET

## COMPLEX HD23

LUBRICATION BEYOND OIL AND GREASE

### TYPICAL PROPERTIES

NLGI grade	2
Thickener	Lithium Complex Soap
Colour	Grey / Black
Texture	Smooth / Tacky / Adhesive
Base Oil Viscosity	ISO 320
Dropping Point, °C	270
Molydenum Disulphite, %	3
Four Ball EP Test	
Weld Point. Kgf	500
Wear Scar Diameter, mm	0.5
TSP System	Heavy Duty

The information in this bulletin is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. It is the user's obligation to evaluate and use the product safely and to comply with all applicable laws and regulations.

Specifications as at April 2003