



# PRODUCT DATA SHEET

## COMPLEX BG MOLY

LUBRICATION BEYOND OIL AND GREASE

### DESCRIPTION

**TALCOR COMPLEX BG MOLY** is a blend of a high viscosity petroleum base oil, with a shear stable lithium complex thickener and fortified with polymers.

Superior performance capabilities are provided by the precise blending of complex additives including TALCOR's unique T.S.P. system, thus maximising anti-wear, rust and oxidation inhibiting characteristics.

### TYPICAL APPLICATION

- All weather heavy duty service for mining, cement, steel, construction and transport industry, where high temperatures are a concern.

### BENEFITS

- T.S.P. is a scientifically selected combination of synergistic metallic elements, both solid and liquid, incorporated to perform a specific lubrication function.
- Polymers ensure the lubricant will not wash out, pound out or splatter under the heaviest loads or vibration.
- Bonding and cohesive properties provide superior lubricant retention in bearings.
- Complex thickener gives operating temperatures up to 235°C for short periods.
- **TALCOR Complex BG Moly** has good pumpability over a wide temperature range, and can be dispensed by conventional automatic systems where required.
- **Complex BG Moly** has the added benefit of being fortified with moly for applications where heavy loads, shock loading and vibration is present.

### NOTES

- **TALCOR Complex BG Moly** grease is not compatible with sodium or inorganic base greases.
- Maximum dN values not to exceed 75000.



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### *TYPICAL PROPERTIES*

NLGI Grade	2
Thickener	Lithium Complex
Dropping Point °C	270
Base Fluid Viscosity cSt @ 40°C	400
Safe Operating Temperature °C	152
Timken OK Load (kg)	32
Four Ball EP Test Weld Point (kgf)	620
TSP Additive System	Elevated Temperatures

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 February 2003