



## BP Mine Grease LM EP 680

Heavy Duty Mining Grease

## Product Data

### Description

**BP Mine Grease LM EP 680** is an extreme pressure lithium grease formulated with specially selected additives which provide superior protection under arduous operating conditions.

**BP Mine Grease LM EP 680** also contains 3% molybdenum disulfide, which provides additional wear protection under conditions of vibratory motion.

### Applications

**BP Mine Grease LM EP 680** is ideally suited for the lubrication of heavily loaded plain and anti friction bearings used in construction, earth moving and mining equipment. **BP Mine Grease LM EP 680** provides protection against wear under heavy and shock loads, high temperature and wet environments.

### Benefits

- Superior EP properties provide protection against extreme shock loading.
- High performance corrosion inhibitors protect equipment and reduce maintenance costs and downtime.
- Excellent pumpability reduces the risk of blocked lubrication lines and lubrication starvation.
- Outstanding structural stability means the lubricant does not slump out of the application.

### Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

### Health & Safety Recommendations

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. BP Australia will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office.



## Typical characteristics

Test	Method	Unit	Typical Value
Appearance	Visual		Smooth grey grease
Soap Type			Lithium
NLGI Grade			2
Penetration, worked	ASTM D217	mm/10	300
Dropping Point	ASTM D5661	°C	>200
Base Oil Kinematic Viscosity @ 40 °C	ASTM D445	cSt	680
Timken OK Load	ASTM D2509	kg	38.5
4 Ball Weld Load	IP 239	kg	420
4 Ball M.W.S.D. (1 hr @ 40kg)	IP 239	mm	0.46
Rust Test	ASTM D1743		Pass

*The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.*

MineGreaseLM-EP680\_460420\_200712.doc replaces previous

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