



Product Data

Minegrease LM EP 680

Heavy Duty Mining Grease

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.

Application

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.

Conditions of Use

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.

Advantages

- 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

Typical Characteristics

	Test Method	Units	Mine Grease LM EP 680
Appearance	Visual		Smooth grey grease
Soap Type			Lithium
NLGI Grade			2
Penetration, worked	ASTM D217	mm/10	300
Dropping Point	ASTM D5661	°C	>175
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	400
Rust Test	ASTM D1743		Pass

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