

MULTIS MINE 680-1.5



Lubricating Grease

Special NLGI 1.5 grade Mining grease to increase the productivity of operations and protect equipment in the most severe conditions with 5% of solid additives

APPLICATIONS

Designed for all mining equipment: dump trucks, excavators, rope shovels, draglines, graders, drills etc...

Resist to the most sever mining conditions: humidity, temperature, dust...

- **MULTIS MINE 680- 1.5** is especially designed to handle the lubrication demands of equipment used in the **mining industry**. It is recommended for slow moving plain and heavily loaded rolling element bearings subject to shock loads and high temperature.
- **MULTIS MINE 680- 1.5** is an extreme pressure and anti-wear grease containing 5% of solid additives consisting of 3% MoS₂ and special friction modifiers to boost the performances of the grease during operations. **MULTIS MINE** has also exceptional **adhesive** performances and **extended service** capabilities.
- **MULTIS MINE 680- 1.5** demonstrates **excellent pumpability** to ensure adequate lubrication of all parts of the equipment.

SPECIFICATIONS

Classifications

ISO 6743-9: L-XBEHB 1.5
DIN 51502: KPF2 P- 20

Suitable for

CAT Epiroc P&H JCB
Komatsu Sandvik Bucyrus Hitachi
Volvo Atlas Copco ETC...

ADVANTAGES

Improved productivity

Increased service life of equipment

Reduced mining costs

- **MULTIS MINE 680- 1.5** is a multi purpose grease suitable for various types of equipment (pin and bushes, bearings, etc...) allowing miners to rationalize products stored on site, thereby limiting the possible misuse of greases and ensuring smoother mining operations.
- **MULTIS MINE 680- 1.5** has been developed to **improve the durability** of all mining equipment from the pit to the plant, leading to significant **reduction of downtime and mining costs**.

CHARACTERISTICS	METHODS	UNITS	MULTIS MINE 680-1.5
Thickener		-	Lithium
NLGI Grade	ASTM D 217	-	1-2
Color	Visual	-	Black
Appearance	Visual	-	Smooth
Base oil viscosity at 40°C	ASTM D 445	mm ² /s (cSt)	680
Temperature range		°C	- 20 à 160
Dropping Point	DIN ISO 2176	°C	>190
4-ball Scar	ASTM D2266	mm	0.5
4-ball Weld load	ASTM D2596	Kgf	≥620

Above characteristics are mean values given as an information

TOTAL OIL ASIA PACIFIC
INDUSTRIE
31-08-2019
MULTIS MINE 680-1.5
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.