



MULTIS MINE OGL-1

DESCRIPTION

Special Open Gear and Multipurpose Mining grease to rationalize greases on board large shovels.

APPLICATIONS

MULTIS MINE OGL-1 is a dual application grease. It is recommended for both slow moving **plain and heavily loaded rolling element bearings** subject to shock loads and high temperature, and also for **open gears** on shovels (swing and/or rack and pinions).

MULTIS MINE OGL-1 is a highly extreme pressure and anti-wear grease with solid additives to protect all parts of the equipment.

MULTIS MINE OGL-1 demonstrates **excellent pumpability** to ensure adequate lubrication of all parts of the equipment.

SPECIFICATIONS

ISO 6743-9: L-XBEHB 1

DIN 51502 : KPF2P- 20

ADVANTAGES

MULTIS MINE OGL-1 as a dual application product helps miners reduce the number of greases used in shovels. As a consequence, risks of equipment shutdown due to product mixing are avoided and inventory is easier to control in the pit.

MULTIS MINE OGL-1 has been developed to **improve the durability** of all shovels leading to significant **reduction of downtime and mining costs**.

Suitable for

P&H 520, multiservice grease

Liebherr grease specifications P1(P2) and P3 for both bushings and bearings and also swing gears.

CAT	Epiroc
Komatsu	Sandvik
Hitachi	JCB
Volvo	Atlas Copco
ETC...	

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. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

PROPERTIES	METHODS	UNITS	MULTIS MINE OGL-1
Thickener		-	Lithium
NLGI grade	ASTM D 217/DIN 51 818	-	1
Color	Visual	-	Black
Appearance	Visual	-	Smooth
Temperature range	-	°C	-20 à 160
4-ball weld	ASTM D 2596	kgf	800
4-ball scar	ASTM D 2266	mm	0.5
Dropping point	IP 396/DIN ISO 2176	°C	>190
Base oil viscosity at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	680

Above characteristics are mean values given as an information

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