

GRAFCOMPLEX AG 1500

Graphite Open Gear Grease

GRAFCOMPLEX AG 1500 series greases, are high pressure resistant aluminum complex grease. It is a mineral based oil for open gear strengthen with solid lubricants.

PROPERTIES

- With excellent adhesion properties, good resistance to shock loads, protecting gears and prolonging equipment life.
- It contains solid lubricants, which reduce the coefficient of friction, as well as reduce the gear top point and the wear at the base, reducing energy consumption.
- Excellent anti-oxidant and anti-corrosion properties thanks to carefully selected additives.

FIELD OF USE

- In the cement industry, especially in running open gear;
- In all the gears and bearings that requires spray lubrication;
- It is specially formulated to lubricate the open gears of rotary kilns, gears, shafts of single and double pinion rotary kilns under extreme conditions.

STORAGE

Storage life is 24 months in its unopened original packaging, indoors warehouse and at room temperature.

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ANALYSIS	STANDARD	UNIT	RESULT
Color	-	-	Black
Appearance	-	-	Homogeneous
Thickener Base Oil	-	-	Calcium Sulfonate Complex
Base Oil Viscosity (cst) 40 °C	ASTM D445	cst	1500
Temperature Range, [°C]	-	°C	-15 / 150
NLGI Class	-	-	00
Penetration	ASTM D217	mm/10	400-430
Dropping Point	ASTM D2265	°C	>190
Four Ball Wear Test 1 hour / 75 °C - 400 N	ASTM D2266	mm	0,4
Four Ball EP Test 10 sec. / 1770 rpm Speed	ASTM D2596	kg	500
Rust Test	ASTM D1743	-	Pass