INOMAX H 00 HM

Product code: 264907701

High performance grease for heavy duty mining mills

This product is a grease based on an aluminium complex thickener, a mixture of highly refined mineral oil, special polymers and high performance, last generation additives giving Inomax H-000 HM excellent adherence and lubrication properties. This product is free of any heavy metal content such as lead or antimony as well as chlorine and bitumen, contributing to the better environmental protection.

Benefits & Advantages

- High thermal and oxidation stability
- Good mechanical stability
- Very high anti-wear and friction reducing properties
- Extremely high adherence and metal affinity
- Excellent anti-rust protection
- High pump-ability even at low temperatures
- Outstanding long life properties

Applications

It has been specially designed to lubricate heavy duty mills and open gear sets from cement and mining industry as well as from some chemical and metallurgic industry. The product is also very suitable for the lubrication of preheated rotary ball mills, usually used for carbon milling in electricity plants. Thanks to its very high base oil viscosity these products provide hydrodynamic lubrication even at high temperatures.

INOMAX H 00 HM

Product code: 264907701

Typical Performance Data

Typical	Test Method	Value
Appearance		Viscous black
Thickener		Aluminium complex
Base oil type		Mineral + polymer
Base oil viscosity ● @ 40 ºC, cSt ● @ 100 ºC, cSt		13.000 500
Viscosity index		>170
Density @ 25 ºC, g/ml		0.92
NLGI class		00
Penetration @ 25 ºC, x 0,1 mm		400-430
Dynamic viscosity @ 25 ºC, mPas		25.000-30.000
Copper strip corrosion, 100 ºC		1b
Oxidation stability, 100 h/100 ºC, bar		< 0.45
Evaporation loss, 22h/100 ºC, %		< 0.40
4-ball wear test ● Welding load, kg ● Wear scar diameter, 1'/80kg, mm ● Wear scar diameter, 1h/40kg, mm		> 800 0.65 0.58
Service temperatures, ºC		0 – 150

All performance data on this Technical Data Sheet are indicative only and can vary during production.