



## Inomax M Fluid

Service lubricant for open gears, dip lubrication

### Description

Inomax M Fluid grease is formulated with excellent quality graphite and high viscosity base oil. Its very structure provides a great adherence to metallic surfaces. The base oil is bitumen free, for working at temperatures of around  $-15\text{ }^{\circ}\text{C}$  without heating.

### Applications

Inomax M Fluid is intended for service lubrication by: dipping, circulating or mix (dipping and circulating) of girth gears in cement manufacturing plants, steel

industry, coal, minerals treatments, fertilizers and chemical products (kilns, grinders, dryers, mixers, etc). The grease can also be applied by spraying. Inomax M Fluid can also be used for lubrication of heavy loaded reducers and wire ropes. In case of critical ambient conditions (dust, sand, water, etc.) it is advised to change the lubricant at least once a year. Whenever the drive running-in operation or correction has been carried out with Inomax M Fluid it is not necessary to change the bath on the short term.

### Typical performance data

	Test method	M Fluid
Colour		Black
Thickener		Aluminium complex
Base oil typ		Semi-synthetic
Base oil viscosity @ $40\text{ }^{\circ}\text{C}$ , cSt		3000
Solids		Graphite
NLGI class	DIN 51819	000
Penetration @ $25\text{ }^{\circ}\text{C}$ , mm x 0.1	ASTM D217	445-475
Penetration @ $0\text{ }^{\circ}\text{C}$ , x 0,1 mm	ASTM D217	>370
Penetration @ $-10\text{ }^{\circ}\text{C}$ , x 0,1 mm	ASTM D217	>330
4-ball wear test	IP-239	
<ul style="list-style-type: none"> <li>• Weld load, kg</li> <li>• Wear scar diameter, 1'70 kg, mm</li> <li>• Wear scar diameter, 1'40 kg, mm</li> </ul>		>800 >0,50 >0,65
Service temperatures, $^{\circ}\text{C}$		-15 – 130

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

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