

Product Data

OPEN GEAR & WIRE ROPE LUBRICANTS

IPOL GEAR COMPOUND 1000/2000

Description:

For transmitting heavy loads at slow speeds, it is necessary to use gearing of very large size, which is not totally enclosed. The lubricants to be used for such open gears need to adhere to the surface and therefore lubricant of right viscosity has to be selected.

Open gear lubricants are bituminous based and can be often used as wire rope lubricants due to their good rust preventive properties.

Salient Features:

IPOL Gear Compound 1000 and 2000 are bituminous compounds blended to the right viscosity to provide the necessary film strength and adhesiveness.

These compounds are viscous enough to give an unruptured film and yet sufficiently free flowing to offer adequate heat dissipation and lubrication.

Application:

- **IPOL GEAR COMPOUND 1000** is recommended for moderately fast moving gears, where pans are provided for helping splash the lubricants on to the gear teeth.
- **IPOL GEAR COMPOUND 2000** is a highly viscous lubricant, which has to be heated for ease of application. It is recommended for lubrication by splash pans only

Benefits:

- The consumption of the product is minimal because of less leakage losses.
- Prevents metal to metal contact and reduces wear.
- Vibrations are dampened and noise reduces with its use.

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Typical Results: IPOL Gear Compound

Characteristics	Test Methods IS 1448	Results	
		1000	2000
Appearance	Visual	Black	
Spec. Gravity @30°C	P:32	0.960	0.980
Flash Point COC°C Min	P:69	180	190
Viscosity cSt @100°C	P:25	260-280	433-476

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