GEAR-PLUS
GO-CBS 1200

INDUSTRIAL GEAR OILS

321204201

DYADE
LUBRICANTS

CHLORINE, BITUMEN AND SOLVENT FREE OPEN GEAR LUBRICANT FOR HEAVY DUTY APPLICATIONS

This clear lubricant is specially designed for large open gears and is formulated with synthetic oils. It provides excellent resistance to high pressure and offers outstanding wear protection. It can be used in temperatures up to 120 ºC, and does not contain bitumen, solvents, chlorine, or solid lubricants. Unlike previous lubricants, it offers extraordinary extreme pressure properties without the use of solid black lubricants. Its clear and transparent appearance allows for easy gear inspection. Its high viscosity provides excellent surface adherence, creating a thick and stable lubrication film even when using lower amounts of lubricant. It ensures reliable operation of the gear drive. This lubricant product can be applied through spray, immersion, or circulation methods. It is highly recommended for heavy-duty gear drives that operate at low speeds, commonly found in cement, mining, chemical and power plants, as well as sugar and paper production facilities. Heating systems may be required to ensure proper pumpability when operating at temperatures below 10ºC.

CATEGORY
- Gear Oils

BENEFITS
- Low disposal cost
- Enhanced tackiness
- Stable very adherent lubrication film
- Clear product allowing easy inspection of the gears
- Bitumen and solvent free
- Low lubricant consumption (economic in use)

PROPERTY	METHOD	VALUE
Colour		Yellowish
Appearance		Viscous liquid
Density @ 20 °C, kg/dm³		0.948
Dynamic Viscosity @ 25 °C, cPs		
Dynamic Viscosity @ 40 °C, cPs	ASTM D445	40000
Kinematic Viscosity @ 100 °C, cSt	ASTM D445	1200
Flash point, °C	ASTM D92	>220
Pour point, °C	ASTM D97	<10
FZG A/8.3/90, change in weight (mg/kWh)	ISO 14635-1	<0.1
FZG A/8.3/90, scuffing load (stage)	ISO 14635-1	>12
4-ball weld load, kg	ASTM D2783	>800
Copper Corrosion 3h @ 100 °C		1a
Application by circulation or immersion, °C		15-120
Application by spray system, °C		15-120

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