



Castrol Optifluid 4

Open Gear Lubricant

Description

Castrol Optifluid 4 is a lubricant specifically engineered for use in opened gears, beds, bearings, and guides of sugar mills which are subjected to high loads. It is formulated with additives carefully selected to reduce waste and protect against oxidation and corrosion.

Application

Optifluid 4 is for open gears, rolling or slide bearings and guides and supports high loads and with high adherence properties, maintaining a constant film on the metallic surfaces, even in vertical positions. It can be applied by bath or spray.

Advantages

- Excellent lubricant properties increases equipment life
- High adhesiveness remaining in place even on vertical equipment
- High capacity of supporting loads
- Excellent corrosion protection and oxidation resistance
- Compatible with non ferrous metals
- Excellent behavior viscosity / temperature (high viscosity index)

Typical Characteristics

Name	Method	Units	Optifluid 4
Colour	Visual	-	Amber
Density at 20°C	ASTM D 4052	g/ml	0.907
Kinematic Viscosity at 40°C	ASTM D445	cSt	16000
Kinematic Viscosity at 100°C	ASTM D445	cSt	560
Viscosity Index	ASTM D 2270	-	275
Flash Point	ASTM D 92	°C	250
Copper Corrosion	ASTM D 130	Class	1a
Steel Corrosion	ASTM D 665 - A	-	Pass
FZG Test (8.3/90) Stage	DIN 51354	-	> 12
Four Bal EP Test, Weld Load	ASTM D 2783	kg	-
Four ball wear test (1750rpm, 60 min. 100 kg)	ASTM D 2783	mm	-
Falex V-Block, weld load lb 3000+	ASTM D 3233	lb	>3000
Falex V-Block, wear (750 lb / 30 min.)	ASTM D 2670 Modified	Teeth	0 (zero)

Subject to usual manufacturing tolerances.

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