



PRODUCT & TECHNICAL DATA

PRO OG M1 C1

OPEN GEAR, HIGH VISCOUS, LUBRICANT

DESCRIPTION

Pro OG M1 C1 is a lubricant, developed for intermitted application to open gears for mills and kilns in the mining, steel and power generation industries. Pro OG M1 C1 is best controlled, when applied, via an automatic spray to optimize consumption and create minimal waste which has to be disposed of safely.

APPLICATIONS

Pro OG M1 C1 has excellent adhesion, suitable for low consumption rates, which is based on the latest technology from Europe and America and specially modified for use in South Africa. Pro OG M1 C1 is designed to be sprayed through all automatic lubrication systems, and can also be used with a drip feed or brush application. It is mainly used in the mining, steel, power stations, cement and sugar industry.

Pro OG M1 C1 is a highly viscous fluid, which is chemically fortified.

FEATURES AND ADVANTAGES

- Locally manufactured and designed for the African market.
- Pumpable down to -10°C.
- FZG – Specific mass loss after 12 stages 0,228 mg/kwh (U.P. Business Enterprises Laboratory).
- Drains freely from gear shroud/guards.
- Does not contain chlorinated solvents or lead.
- Exceeds OEM (Falk and Svedala) and AGMA 9005-E02 base oil viscosity for open gear lubricants.

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PHYSICAL CHARACTERISTICS

Colour	Visual	Dark Brown/Black
Density @ 20 °C	ASTM D -1298	0,925
State		Semi -fluid
Flash Point	ASTM D -92 (COC)	100°C
Copper Corrosion	ASTM D -130	1B
USS, Retention Test	43 lbs, minutes	24
4 Ball EP Test		
Weld Load Kgs	ASTM D2596	>800
FZG		
Load Stages Passed	FZG Gear Test (A/2.76/50) DIN51354	12
Specific Mass Loss (mg/kwh) Stage 12	FZG Gear Test (A/2.76/50) DIN51354	0,228
Specific Mass Loss 30Hrs@ Stage 10, mg	FZG Gear Test (A/2.76/50) DIN51354	43

Mobility

@ 0 °C g/min	US Steel Mobility Test	74,70
@ -10 °C g/min	US Steel Mobility Test	35,26
Rust	ASTM D-665	
	4 HR. @ 60 °C, Procedure A & B	PASS
Application Viscosity @ 40 °C		1150 mm ² /s

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Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:
www.prooil.co.za

These characteristics are typical of current production.
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

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