



Quality, service, and customer satisfaction is our driving force.



## AFRIQ OPEN GEAR M1W

### DESCRIPTION

**Afriq Open Gear M1W** is a lubricant, developed for intermitted application to Open Gearing for Mills and Kilns in the Steel, Mining and Power Generation Industries.

### APPLICATION

**Afriq Open Gear M1W** is best controlled, applied, via an automatic spray to optimize consumption and create minimal waste which has to be disposed of safely.

### CHARACTERISTICS

**Afriq Open Gear M1W** 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.

**Afriq Open Gear M1W** is designed to be:

- Sprayed through all automatic lubrication systems, and can also be used with drip feed or brush application
- Is used in the Mining, Steel, Power Stations, Cement Industry, and Sugar Industry.
- It is a highly viscosity fluid, which is chemically fortified.

### BENEFITS

- Locally manufactured and designed for the African Market
- Is pumpable down to -10°C
- FZG – Specific mass loss after 12 stages 0,1596 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.

### TYPICAL PHYSICAL CHARACTERISTICS

Colour	Visual	Dark Brown / Black
Density @ 20 °C	ASTM D-1298	0.901
State		Semi-fluid
Flash Point	ASTM D-92 (COC)	>62 °C
Copper Corrosion	ASTM D-130	4B
USS, Retention Test	43 lbs, minutes	>20
4 Ball EP Test		
Weld Load Kgs	ASTM D2596	>800
FZG		
Load Stages Passed	FZG Gear Test (A/2.76/50)	>12



	DIN51354	
Specific Mass Loss (mg/kwh) Stage 12	FZG Gear Test (A/2.76/50) DIN51354	0,1596
Specific Mass Loss (mg/kwh) Stage 10, mg	FZG Gear Test (A/2.76/50) DIN51354	25

## MOBILITY

@ 0°C g/s	US STEEL MOBILITY TEST	10,1
@ -10 °C g/s	US STEEL MOBILITY TEST	3,9
Rust	ASTM D-665	
	4 HR. @ 60 ° c, Procedure A & B	PASS
Viscosity @ 40 °C without diluent		7800 cSt
Application Viscosity @ 40 °C		2200 cSt