

# Balmerol® OGL 4000

## High Performance Open Gear & Wire Rope Grease

Technical Data Sheet

### Product Description:

Balmerol OGL 4000 is a superior quality Extreme Pressure (EP), Open Gear Lubricant for the lubrication and protection of open gears and wire ropes subjected to extremes of operating conditions. They are blended with high viscosity base stocks and carefully selected balanced additive system to provide superior performance. The lubricant is soft, suitable for different applications and there are no deposits on the gear teeth.

### Features & Benefits:

#### Performance Features

- Exceptional load carrying capacity resulting in outstanding extreme pressure performance under heavy load
- Good antiwear protection
- Excellent mechanical stability
- Highly adherent and excellent water resistance properties
- Very good corrosion protection
- High dropping point
- Lead and Nitrite free

#### Benefits

- Forms a tenacious film on the on the gear teeth (or other components) which withstands extreme pressure conditions. Protects the components from wear and damage even at high load and extreme pressure conditions
- Protective film is not easily washed out with water and contaminant oils / lubricants
- Provides excellent corrosion protection
- Lowers Lubricant consumption

### Applications / Recommendations:

- Intended primarily for open gear applications on mining shovels and draglines
- Heavily loaded open gears, particularly those found in grinding mills, kilns
- Surface dressing of slow moving gears open to the atmosphere
- Plain bearings, Pins & Bushes of earth moving equipment
- Slow moving wire ropes

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### Typical Properties:

Balmerol OGL 4000	
Properties	OGL 4000
Colour	Black
Soap Type	Aluminium Complex
Base Oil Type	Mineral
NLGI Consistency	0
Cone Penetration @ 25 °C, 1/10 mm, ASTM D 217	355 - 385
Base oil Viscosity, cst @ 40°C, ASTM D 445	3600 - 4400
Dropping Point, °C, ASTM D 566	190
Four Ball Weld Load, Kg, ASTM D 2596	800
Four Ball Wear Scar Dia, mm, ASTM 2266	0.7
Rust Test, ASTM D 1743	Pass

### Health and Safety:

Balmerol OGL 4000 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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