

# Balmerol<sup>®</sup> Spraylube OGL 10

## Sprayable Open Gear Lubricant

Technical Data Sheet

### Product Description:

Balmerol Spraylube OGL 10 is sprayable grease, designed for lubrication of open gears operating in adverse conditions. Usage of superior variety eco friendly anti-wear and extreme pressure additive package ensures extended life of open gears subject to high & shock loads, extreme ambient temperatures and very dusty environment. The additive package used, takes into consideration flowability requirements, for suitable dispensing through sensitive sprayable grease dispensing systems.

### Features & Benefits:

Balmerol Spraylube OGL10 provides the following benefits:

- Excellent performance under high / shock loads & adverse conditions
- Provides superior protection against corrosion and wear with extension of equipment life
- Very good adhesion properties & excellent film strength
- Excellent flowability & sprayability
- Extended re-lubrication intervals
- Reduce energy consumption ( low co-efficient of friction)
- Usable temperature range -10°C to +140°C.
- Eco-friendly

### Applications / Recommendations:

- Balmerol Spraylube OGL 10 is suitable for lubrication of all types of large and small open gears on kilns, mills, mixers, etc. working under heavy loads and prone to excessive pitting, scaling or abrasive wear.
- Also recommended for steel wire ropes to reduce wear due to repeated flexions
- Other typical applications include open gear couplings of bulldozers, gear wheels and spur gears of cranes, excavators, winches and crushing machines, reduction gears and shafts of heavy duty crank presses, highly stressed racks and worm gears
- Used in Cement Plants, Steel Plants, Sponge Iron Plants, Sugar Mills, Crushing Mills, Refractories, Ports, Mines, Metallurgical and other heavy industries
- Balmerol Spraylube OGL10 may be applied by direct or indirect immersion, by spraying or through brush

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### Typical Properties:

<b>Balmerol Spraylube OGL 10</b>	
<b>Properties</b>	
Colour	Black
Thickener Type	Aluminium Complex
Base Oil	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	400 -450
Base oil Viscosity, cst @ 40°C, ASTM D 445	500
Dropping Point °C, ASTM D 566	200
Operating Temperature Range, °C	-10 °C to +140 °C
Four Ball Weld Load, Kg, DIN 51350-4	6500 - 7000 N
Four Ball Wear Scar Dia, mm, ASTM 2266	< 0.50
Timken OK Load lb, ASTM D 2509	45
FZG test A/2.76/50	
a) Fail Load Stage	> 12
b) Specific Wear Rate, mg/kwh	< 0.20
Behaviour Towards Water, Rating, DIN	0-40 / 0-90
Temperature resistance of dry lubricating film, °C	> 250

### Health and Safety:

Balmerol Spraylube OGL10 grease 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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