

VICKERLUBE

OGL 1860-0



PART NUMBER

25182

DESCRIPTION

VICKERLUBE OGL 1860-0 is an aluminum complex thickened grease formulated with high viscosity base oils and select additives to enhance water resistance and establish a tenacious lubricant film. Formulated to maintain separation of the gear teeth and bearing surfaces even when subjected to extreme forces that would normally create boundary lubrication conditions. The product is formulated with a special solid lubricant additive system for extreme operating conditions such as shock loading. It is designed to prevent metal-to-metal contact, eliminating the effect of galling and scuffing of tooth flanks or stress induced pitting in severe applications typically encountered in mining and other heavy industries.

APPLICATIONS

Shovels, Draglines, Grinding Mills, and similar heavy duty open gear applications.

Swing Gears and Pinions, Dipper Sticks, Rail and Rollers, Splines, Heavily Loaded Slow Speed Plain Bearings, Bushings, and similar mining equipment applications.

Can be used as a priming lubricant in some Open Gear applications.

CERTIFICATION

VICKERLUBE OGL 1860-0 is manufactured to ISO 9001:2015 and ISO 14001:2015.

FEATURES AND BENEFITS

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|----------------------------------|---|
| • Extreme pressure properties | Excellent load carrying, protection against shock loads |
| • High viscosity base oil | Thick lubricant film which maximises component separation |
| • Lubricant film retention | Excellent water resistance |
| • Corrosion inhibited | Protects parts against corrosion |
| • Contains no asphaltic material | Ease of spraying or pumping |
| • Solvent and heavy metal free | No special handling |
| • Good lubricity | Minimal component wear |

METHOD OF APPLICATION

VICKERLUBE OGL 1860-0 can be applied manually or via a central lubrication system designed for NLGI 0 greases.

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Certified to the ISO 9001
Quality Standard and the
ISO 14001 Environmental
Management Standard



FM 01851 EMS 40717

VICKERLUBE OGL 1860-0



TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE OGL 1860-0	TEST METHOD	RESULT
Appearance	Visual	Black
Thickener		Aluminum Complex
Texture		Tacky / Adhesive
Consistency	ASTM D217	NLGI 0
Base Oil Viscosity at 40°C (cSt)	ASTM D7042	1860
Penetration, worked	ASTM D217	373
Dropping Point (°C)	ASTM D2265	259
Water Washout at 38°C (%)	ASTM D1264	3
Water Resistance	DIN 51807-1	1 - 90
Copper Corrosion	ASTM D4048	1
4-ball weld load (kg)	ASTM D2596	> 800
4-ball wear (mm)	ASTM D2266	0.51
Lincoln Ventmeter, lowest temperature for 1800 to 600 psi pressure drop (°C)	K95400	- 4.8
US Steel Mobility, flow at 0°C (g/sec)	LT 37	0.7
Shelf Life		3 years in original sealed containers whilst stored out of direct sunlight

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