



PRODUCT DATA SHEET



MOLYLUBE[®] CAM COMPOUND L56

Molyube Cam Compound L56 is specifically designed to meet the requirements for use on Bucyrus Erie draglines as an economical lubricant for the “Monighan” walking cam mechanism. It is formulated using a non-asphaltic, petroleum base oil, containing no solvents with a carefully selected blend of solids and additives to form an exceptionally tough film in service.

Applications

- ◆ Designed for “Monighan” cam systems on Bucyrus Erie draglines where application through an automatic dispensing system is desired, or it can be applied manually as required
- ◆ Meets demanding requirements on other slow rolling or sliding surfaces, e.g., cam guide roller and rails, shoe rub rails

Features and Benefits

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|----------------------------|--|
| ◆ Tough, pliable film | Resilient and tenacious, resisting erosion under tremendous service pressure |
| ◆ Smoother operation | Eliminates chatter and vibration for smoother cam operation. |
| ◆ Environmentally friendly | Solvent free, contains no heavy metals. Remains flexible eliminating cracking and spitting. |
| ◆ Reduced consumption | “A little goes a long way,” generating lower operating costs. |
| ◆ All-season | Designed for year-round service where ambient temperatures range from 49°C (120°F) to -35°C (-30°F). |

General Description

Molyube Cam Compound L56 is designed to have an adhesive-flexible film on the cam surfaces under the extreme pressures in excess of 160,000 psi - Hertz Stress Load at temperatures in excess of 316°C (600°F) generated in the application. Formulated with over thirty (30) percent low-friction lubricating solids, it builds a pliable semi-dry film which limits accumulation of abrasives and dust while resisting washing.

Product No. 301611

MOLYLUBE® CAM COMPOUND L56
TYPICAL PROPERTIES

<u>Product No.</u>	<u>301611</u>
<u>Old Product No.</u>	<u>67760</u>
Penetration, unworked, ASTM D217 mm/10	280
Thickener Type	Aluminum Complex
Base Oil Type	Semi-Synthetic
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	69.1
@ 100°C, cSt	15.26
Viscosity Index (Base Fluid), ASTM D2270	235
Grease Mobility. U.S. Steel Method @ -35°C (-31°F), gram/minute	1.22
Timken Test, Cam Method, BRM-0047 Film Life, @ 90 lbs, 10 minutes	Pass
Pour Point (Base Fluid), ASTM D97 °C	-54
(°F)	(-65)
Useful Ambient Temperature Range °C	-35 to 50 ¹
(°F)	-30 to 122
Color	Black

¹ The product can be pumped through standard application systems that do not include injectors to -35°C (-30°F). It can be applied through systems that include unheated injectors to -25°C (-13°F). Injectors heated by infrared heaters or other means will reduce the low temperature application limits to -35°C (-30°F).