

# IL-GBSM

INTERLUBE BIOGREASE HD 5% MOLY

Bio Grease HD 5%

## OVERVIEW

IL-GBSM Bio Grease HD 5% MOLY is part of Interlube's growing line of lubrication products formulated specifically for the Canadian specifically for the Canadian mining and forestry industry. Containing 5% molybdenum disulfide (MoS ), Organic Grease HD 5% Moly is water resistant and has excellent mobility properties. IL-GBSM Bio Grease HD 5% MOLY is designed for extended service in harsh climatic conditions and wide temperature ranges. Bio HD 5% Moly Grease is formulated with a heavy duty biodegradable lithium complex grease biodegradable vegetable oils and extreme pressure additives for maximum performance. IL-GBSM Bio Grease HD 5% MOLY is designed to replace mineral oil based greases that require oxidation resistance, thermal stability, resistance to wear, rust and corrosion and compatibility with corrosion resistance and compatibility with commonly used elastomers. The synergy of additives, thickeners and base oils provide the highest quality hydrodynamic and boundary lubrication system for any for any moving component while providing a high degree of protection against rust and corrosion.

Due to the inherent sealing property of this lubricant, degradation due to contamination from dust, etc. is minimized, thus extending component life. IL-GBSM Bio Grease HD 5% MOLY can be applied with standard grease pumps or heavy duty centralized greasing systems.

IL-GBSM Bio Grease HD 5% MOLY can be used for:

- Bucket and pivot pins
- Frame and hitch lubrication
- Automotive, rail, industrial and marine applications requiring 5% Moly
- Applications in environmentally sensitive environments or near waterways

## BENEFITS :

- Non-toxic (aquatic) according to OECD 202
- Flash point higher than comparable petroleum-based products
- Low temperature flowability
- Compatible with elastomers (seals)
- Non-toxic (plants) according to OECD 208
- Protects against rust and corrosion
- OECD 301 compliant biosourced formulation

# IL-GBSM

INTERLUBE BIOGREASE HD 5% MOLY

Bio Grease HD 5%

## TYPICAL SPECIFICATIONS

IL-GBSM Bio Grease HD 5% MOLY

### ASTM Test Method

Product Code	ASTM Test Method	Moly Bio Grease HD 5%		
		0	1	2
NLGI Grade		0	1	2
Penetration (after 60 strokes at 25°C)	ASTM D-217	370	330	270
Melting point (°C)	ASTM D2265	>270	>270	>270
Timken OK (kg)	ASTM D2509	25+	25+	25+
Four-Ball Wear Scar (mm)	ASTM D445	0.4	0.4	0.4
Four-Ball Welding Load (Kg)	ASTM D2270	425	425	425
Oil separation (24hrs at 25°C)	ASTM D-1742	<1%	<1%	<1%
Base oil viscosity at 40°C	ASTM D445	100	100	100
Water resistance at 80°C (%loss)	ASTM D2266	<15%	<15%	<15%
Additive		Antioxydant ; Anti-Usure ; E P MoS2		
Base Oil		Vegatable/Synthetic		
Color		Grey/Black		
Base Oil Classification		5g/kg Naturally biodegradable		



**Interlube**  
LUBRIFIANTS BIODÉGRADABLES HAUTE PERFORMANCE

 **PRODUIT CANADIEN.**  
Interlube.com 1-819-975-2438