



CITGO[®] Lithoplex[®] CM & HM Greases

OVERVIEW



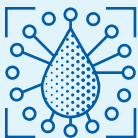
- These premium quality lithium complex greases provide outstanding protection in construction and mining applications.
- Contain molybdenum disulfide for additional protection in harsh environments.

FEATURES & BENEFITS



- Extreme pressure (EP) and anti-wear additives provide excellent equipment protection.
- Lithoplex CM contains 3% molybdenum disulfide (moly) and Lithoplex HM contains 5% molybdenum disulfide to provide additional protection in harsh environments.
- Formulated with corrosion inhibitors to extend equipment life.
- Contain oxidation inhibitors to extend the grease life and protect the application for longer periods.
- Polymeric additive improves water resistance and adhesion.

APPLICATIONS



- Recommended for construction equipment, mining equipment, fifth wheels, bucket pins, crusher bearings, pin and bushings, pivot pins, track drive rollers, and industrial applications.
- Lithoplex CM contains 3% moly and Lithoplex HM contains 5% moly to meet equipment manufacturer requirements.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES



Typical Properties for CITGO Lithoplex CM & HM Greases:

Product	Lithoplex CM1	Lithoplex CM2	Lithoplex HM1	Lithoplex HM2
Material Code	655351001	655352001	655356001	655357001
NLGI Grade	1	2	1	2
Thickener Type	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Color	Gray	Gray	Gray	Gray
Texture	Smooth, Adhesive	Smooth, Adhesive	Smooth, Adhesive	Smooth, Adhesive
Worked Penetration, ASTM D217	310-340	265-295	310-340	265-295
Dropping Point, ASTM D2265, °F(°C)	500 (260)	500 (260)	500 (260)	500 (260)
Rust Prevention, ASTM D1743, Rating	Pass	Pass	Pass	Pass
Water Washout, ASTM D1264, % Loss @ 175°F	2.0	2.0	2.5	2.0
Molybdenum Disulfide, Wt. %	3	3	5	5
Four-Ball Wear, ASTM D2266, mm	0.45	0.45	0.40	0.40
Four-Ball Weld, ASTM D2596, kgf	400	400	500	500
Base Oil Viscosity @ 40°C, cSt (incl. oil soluble additives)	285	375	375	375

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