



## CITGO OVERDRIVE HD® GREASE

Date 1/09

- DESCRIPTION:** CITGO OverDrive HD Grease is designed for applications where outstanding protection is required. With engine oil drain and relubrication intervals being extended, it is important to use a grease that provides superior performance that will protect and stay put, even under a wide variety of conditions. OverDrive HD is the ultimate grease for extended service applications.
- QUALITIES:**
- Corrosion Protection:** OverDrive HD provides outstanding corrosion protection even in severe conditions where salt water is present. OverDrive HD passes the Emcor Dynamic Corrosion Test and the 5% Salt Water Corrosion Test in addition to passing the standard ASTM D-1743 Corrosion Test.
  - Extreme Pressure and Wear Protection:** This product provides excellent protection in applications where metal-to-metal friction and high loads exist. OverDrive HD offers an impressive Weld Point and a high Timken OK Load.
  - Stays In Place:** OverDrive HD is polymer fortified for improved adhesion.
  - Stability:** This product has outstanding stability and resists softening even in conditions where water contamination is present. OverDrive HD is highly resistant to water in conditions where rain or road splash are present.
  - Grease Compatibility:** OverDrive HD is formulated with a proprietary Lithium Complex thickener system that is compatible with many other greases that are currently on the market.
- OverDrive HD Grease is a Mack MG-C approved product.
- APPLICATIONS:** OverDrive HD Grease is an extremely versatile product that will hold up in situations where other products fail. It is recommended for use in fifth wheels, spring pins, chassis lubrication, king pins, and universal joints. OverDrive HD is recommended for applications where extreme stability, water resistance, corrosion resistance, wear protection, and EP protection are required. OverDrive HD is not recommended for use in disc brake wheel bearings.
- Due to the heavy base oil viscosity and tenacious polymer, OverDrive HD will “stay put” and provide excellent performance in many off-road construction and mining applications.

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**TYPICAL PROPERTIES:****CITGO OVERDRIVE HD® GREASE**

<b>NLGI Grade</b>	<b>2</b>
Material Code	655377001
Grease Type	Lithium Complex
Color	Green
Texture	Smooth, Adhesive
Dropping Point, ASTM D 2265, °F	430
Worked-60 Penetration, ASTM D 217	265-295
Rust Protection, ASTM D 1743	Pass
Emcor, ASTM D 6138	Pass
5% Salt Water Corrosion, ASTM D 5969	Pass
Water Washout, ASTM D 1264, % Loss at 100°F	1.4
Water Spray Off, ASTM D 4049, % Loss	15.1
Timken OK Load, ASTM D 2509, lb.	65
Four-Ball Wear, ASTM D 2266, mm	0.4
Four-Ball Weld, ASTM D 2596, kgf	500
Four-Ball Load Wear Index, ASTM D 2596	62
Four-Ball Last Non-Seizure Load, ASTM D 2596, kgf	100
USS Grease Mobility, 0°F, gpm	12.5
Base Fluid Viscosity, at 100°C, cSt	30.0
at 40°C, cSt	540