



# CITGO® PackGard® Oils

## OVERVIEW



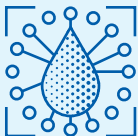
- Specifically designed for packing lubrication of reciprocating, positive displacement well service plunger pumps utilized in oil and gas production.

## FEATURES & BENEFITS



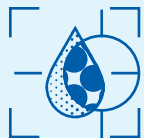
- Excellent metal wetting (preferential to water) and extra adhesiveness for more effective lubrication.
- Full extreme pressure (EP) wear protection, optimized with emulsification properties, guards against wear in high moisture conditions.
- Antifoam, high viscosity index, low pour point, and excellent stability over a wide range of conditions.
- Oxidation stability and rust/corrosion protection.

## APPLICATIONS



- Recommended for and meets general packing lubricant requirements of well service plunger pump manufacturers.
- Always consult your owner's manual for proper fluid recommendations and warranty requirements.

## PROPERTIES



## Typical properties CITGO PackGard Oils:

ISO Grade	68	220
<b>Material Code</b>	<b>633222001</b>	<b>633223001</b>
Gravity, ASTM D237, API	31.9	29.91
Density, lb/gal	7.21	7.3
Flash Point ASTM D92, °F(°C)	428 (220)	505 (263)
Viscosity ASTM D445		
cSt at 40°C	68	217
cSt at 100°C	9.9	21.9
Viscosity Index	130	121
Pour Point ASTM D97, °F (°C)	-22 (-30)	-17 (-27)
Copper Corrosion, ASTM D 130	1A	1A
Rust Test, A&B, ASTM D 665	Pass	Pass

CITGO is a registered trademark of CITGO Petroleum Corporation. All other registered trademarks or trademarks are the property of their respective owners. Values shown are typical values only and do not constitute a specification. The information contained herein is subject to change without notice.