



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	320
Material Code	633222001	633223001	633224001
Gravity, ASTM D237, API	31.9	28.8	34.1
Density, lb/gal	7.21	7.35	7.1
Flash Point ASTM D92, °F(°C)	428 (220)	388 (198)	430 (221)
Viscosity ASTM D445			
cSt at 40°C	68	223	321
cSt at 100°C	9.9	20.4	43
Viscosity Index	130	109	185
Pour Point ASTM D97, °F (°C)	-22 (-30)	-11 (-24)	-38 (-39)
Copper Corrosion, ASTM D 130	1A	1A	1A
Rust Test, A&B, ASTM D 665	Pass	Pass	Pass

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