## CITGO PACEMAKER® Plunger Lubricants



Date 02/19

- **DESCRIPTION:** CITGO Pacemaker Plunger Lubricants are specifically designed for optimal protection of frac pump plungers. Properly lubricated plungers can operate at peak performance, maximizing up time.
  - **QUALITIES:** CITGO Pacemaker Plunger Lubricants offer:
    - 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
    - Outstanding resistance to rust and corrosion
    - · Performs well over a wide temperature range
- **APPLICATIONS:** For use with frac pump plungers where excellent adhesion, corrosion resistance and extreme pressure protection are needed. Designed to work with automatic lubricators.

Consult owner's manual for proper lubricant selection.

## **TYPICAL PROPERTIES:**

## CITGO PACEMAKER<sup>®</sup> PLUNGER LUBRICANTS

ISO Grade	PL 150	PL 220
Material Code	633228001	633229001
Gravity, ASTM D4052, °API Density, LB/gal at 60°F Flash Point, ASTM D92, °F (°C) Viscosity, cSt at 40°C cSt at 100°C Viscosity Index Pour Point, ASTM D97, °F (°C) Copper Corrosion, ASTM D130 Rust Test, ASTM D665 A & B	31.3 7.24 392 (200) 160 18.6 130 -22 (-30) 1A Pass	32.0 7.23 406 (208) 220 29 170 -27 (-33) 1A Pass

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