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[®] 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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