



## CITGO PACEMAKER® PL 220

Date 07/18

**DESCRIPTION:** CITGO Pacemaker PL 220 is specifically designed for optimal protection of frac pump plungers. Properly lubricated plungers can operate at peak performance, maximizing up time.

**QUALITIES:** CITGO Pacemaker PL 220 offers:

- 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® PL 220**

<b>ISO Grade</b>	<b>220</b>
Material Code	633229001
Gravity, ASTM D4052, °API	32.0
Density, LB/gal at 60°F	7.23
Flash Point, ASTM D92, °F (°C)	406 (208)
Viscosity, cSt at 40°C	220
cSt at 100°C	29
Viscosity Index	170
Pour Point, ASTM D97, °F (°C)	-27 (-33)
Copper Corrosion, ASTM D130	1A
Rust Test, ASTM D665 A & B	Pass

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