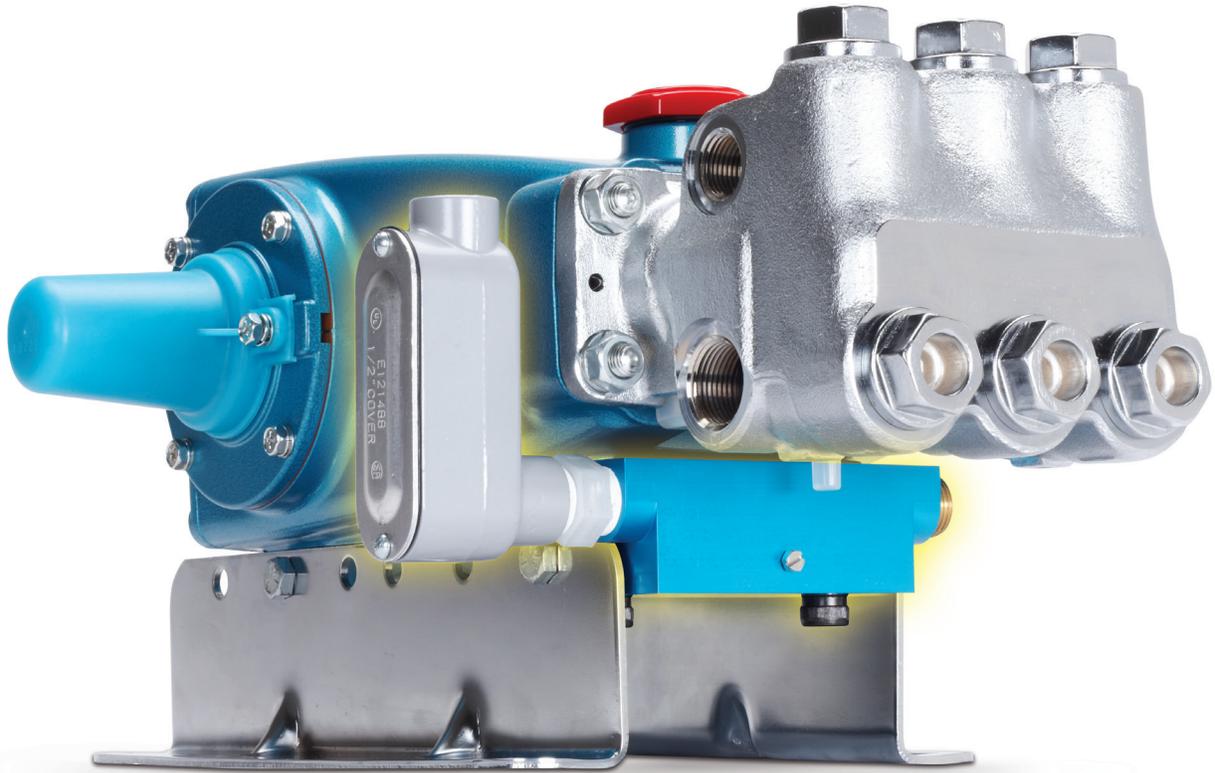


# INTRODUCING THE NEW LPS MONITOR



## Avoid unplanned shutdown and maximize your profits

The LPS monitor is designed to sense water leakage past the low pressure seals and alert maintenance personnel that the pump seals need replacing. If not serviced in a timely manner, the water can continue to leak past the low pressure seals and contaminate the crankcase oil, causing oxidation and increasing the oil viscosity. Both of these consequences cause a loss of oil lubricity of the drive-end components causing unplanned shutdowns, production interruptions, costly downtime, emergency pump repairs, and costly pump replacement consequences. The LPS Monitor is designed to alert maintenance personnel of this condition before the pump drive components are at risk.



- Oil viscosity change shown causing loss of oil lubricity leading to component discoloration and failure



- Scoring and gouges appear in the crosshead area
- Mineral contamination of drive from water in the oil

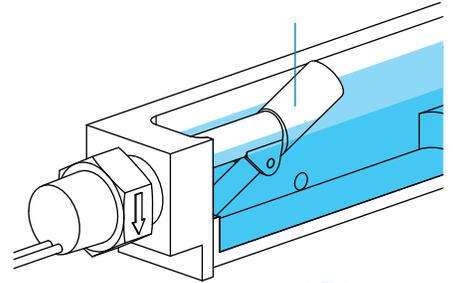
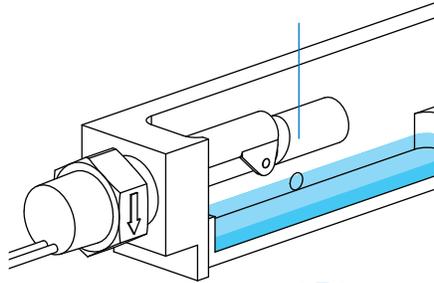


- Plunger rod beginning to seize in crankcase
- Rod discoloration is an indicator of water leaking past the low pressure seals and/or the O-rings under the plungers

# Providing feedback on low pressure seal condition

## Normally Closed Operation

(Recommended configuration when indicator light model used)



Note: Corrosion resistant models available on request.

	 <p>30664</p>	 <p>30664.120AC (w/light)</p>
<p><b>Fit on the following pumps models:</b>            1520, 1521, 2510, 2511, 2520, 2520C,            2521, 2530, 2530E, 2531, 2537, 2831,            2831K, 3501, 3501C, 3507, 3507C, 3511,            3511C, 3517, 3517C, 3520, 3520C, 3521,            3521C, 3527, 3531, 3531C, 3535, 3535C,            3537, 3541, 3541C, 3545, 3560, 3801,            3801K, 3811, 3811K, 3821, 3821K, 3831,            3831K, 3841, 3841K</p>	 <p>30290 30292 (Corrosion Resistant Model)</p>	 <p>30290.120AC (w/light)</p>



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*The Pumps with Nine Lives*