

PROFLO® EOS Self-Adjusting Lubrication Pump

PRODUCT DESCRIPTION

Under and over lubrication is quite often a result of improper manual adjustment of lubricator pumps. It is common practice to run “break in” lubrication rates for new or overhauled compressors. It is very often the case that the lubrication levels are not scaled back to normal levels, especially in remote locations.

The Proflo® EOS self-adjusting lubrication pump solves all of these problems by optimizing the amount of oil that is injected into a reciprocating compressor. The Proflo® EOS replaces the manual adjuster on a conventional lubrication pump, it has the ability to automatically increase or decrease the output of the pump by adjusting the stroke length and hence the output of the pump.

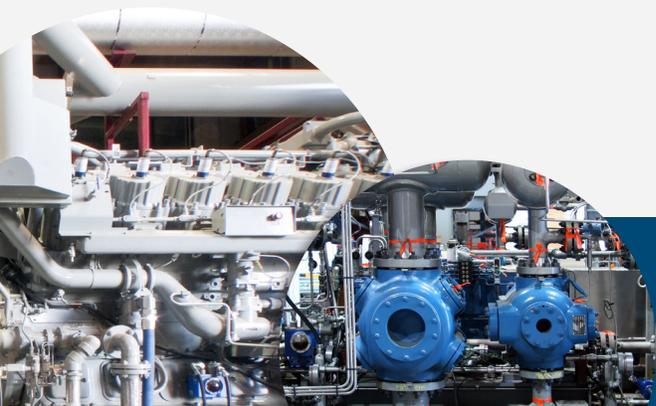
Over time lubrication pumps will wear and slowly decrease output throughout their lifespan on a compressor. The Proflo® EOS will automatically account for pump wear, and once the output starts to decrease, the EOS will adjust to increase the flow to maintain the desired set-point. By providing optimal timed stroke adjustments the Proflo® EOS will support lubrication oil savings immediately after install on your compressor.

FEATURES

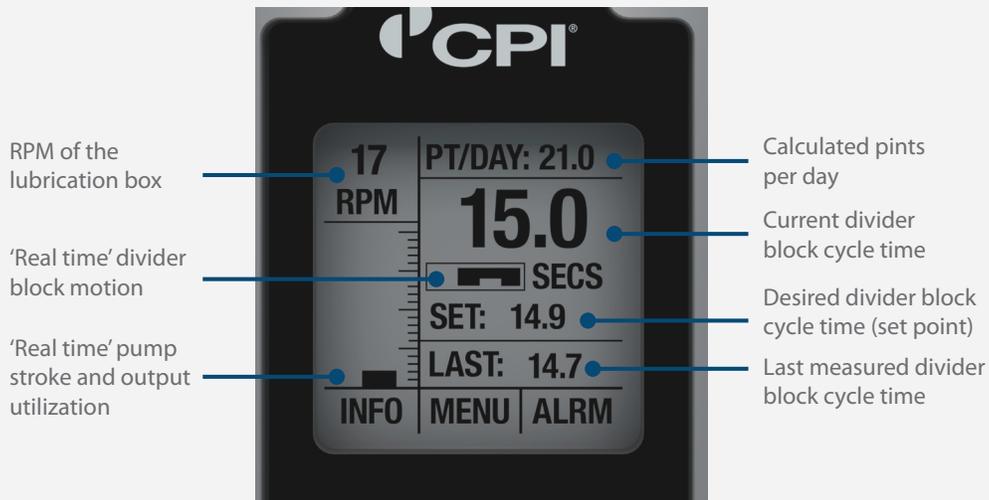
The Proflo® EOS constantly monitors the quantity of oil cycling through the divider block via the signal from a no-flow shutdown device. When the quantity of oil delivered to the compressor unexpectedly changes the Proflo® EOS compensates for this, always ensuring an optimum lubrication level.

Proflo® EOS

- Replaces the traditional pump manual adjuster
- Receives feedback from Proflo® PF1, Proflo® Jr or proximity switch
- Ensures optimum compressor lubrication
- Prevents hydraulic locking of the packing rings
- Increases performance of piston rings
- Reduces valve sticktion and carbonizing of elements
- Decreases emissions and carbon footprint
- Reduces downstream pipeline scrubber replacements



Proven Solutions for the Global Compression Industry™



EOS has fully interactive interface built into the unit. Control your parameters from the EOS or from your modbus connected PLC.

TECHNICAL SPECIFICATIONS

MATERIAL	Stainless Steel
TEMPERATURE RANGE	-40°F to 185°F
POWER	24 VDC
BREAK IN HOURS	50, 100, 150 or 200 hours
MODBUS CONNECTION	RS485 (duplex)
PUMP SIZES	3/16", 1/4", 3/8"
MODES	Single speed compressor and variable speed compressor modes

Run the EOS on your left bank, right bank or both banks of your compressor.

Heavy duty 7 pin Turck communication cable allows for 2 way communication between the EOS and PLC.



Proven Solutions for the Global Compression Industry™

CPI provides industry leading lubrication system products and services, partnering with our customers to develop individual solutions to their unique lubrication needs. From individual components to complete, turnkey systems, we can provide the resources and expertise to ensure your compressor operates at peak performance and longevity.