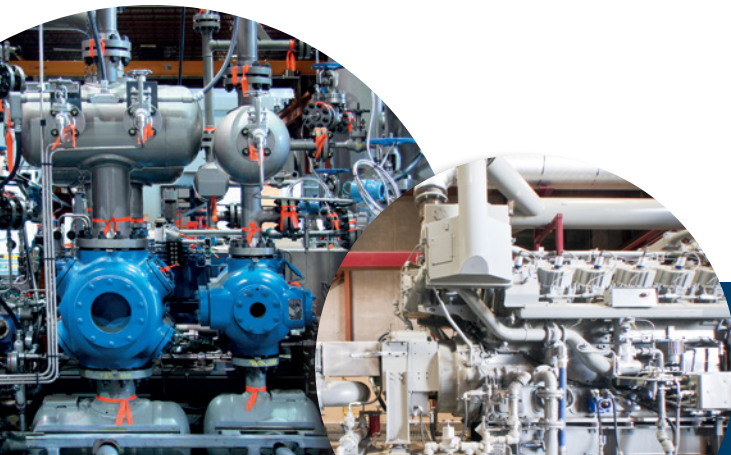


## PROFLO® EOS SELF-ADJUSTING LUBRICATION PUMP



Over- and under-lubrication is 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, but frequently the lubrication rates are not scaled back to normal levels, especially in remote locations.

The Proflo® EOS solves these lubrication problems by optimizing the amount of oil that is injected into a divider block. It replaces the manual adjuster on a conventional lubrication pump by automatically increasing or decreasing the pump stroke length, which regulates the output of the pump, based on signals from a no-flow device or proximity switch. When the quantity of oil delivered to the compressor unexpectedly changes, the Proflo® EOS adjusts for this accordingly, always ensuring an optimum lubrication level within the compressor. By providing optimal timed stroke adjustments the Proflo® EOS will support lubrication oil savings immediately after install on your compressor.

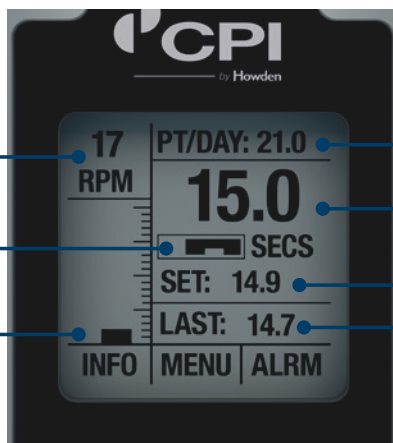


## FEATURES

- 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
- EOS can run on 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

## TECHNICAL SPECIFICATIONS

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



RPM of the lubrication box

'Real time' divider block motion

'Real time' pump stroke and output utilization

Calculated pints per day

Current divider block cycle time

Desired divider block cycle time (set point)

Last measured divider block cycle time

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

### Proflo® EOS Single Kits

PART NO.	DESCRIPTION
65014EOS1S00001	EOS Single Kit with 3/16" Pressure Pump
65014EOS1S00002	EOS Single Kit with 1/4" Pressure Pump
65014EOS1S00003	EOS Single Kit with 3/8" Pressure Pump

### Proflo® EOS Double Kits

PART NO.	DESCRIPTION
65014EOS1D00101	EOS Dual Kit with 3/16" Pressure Pumps
65014EOS1D00102	EOS Dual Kit with 3/16" & 1/4" Pressure Pumps
65014EOS1D00103	EOS Dual Kit with 3/16" & 3/8" Pressure Pumps
65014EOS1D00104	EOS Dual Kit with 1/4" Pressure Pumps
65014EOS1D00105	EOS Dual Kit with 1/4" & 3/8" Pressure Pumps

### Sub-assemblies & Pressure Feed Pumps included in kits

PART NO.	DESCRIPTION
65014EOSSAKTS001	EOS Sub Assy Kit Single
65014EOSSAKTD001	EOS Sub Assy Kit Double
6501800P55P403S	1/4" Pressure Feed Pump
6501800P55P603S	3/8" Pressure Feed Pump



CPI, part of the Howden group, 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.