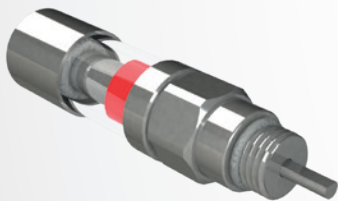


NEOMAG® VISUAL CYCLE INDICATOR

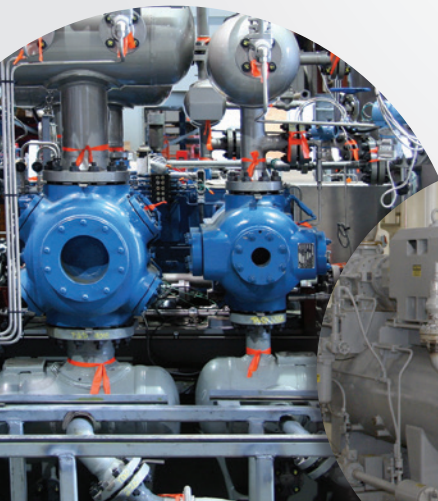
The Neomag® cycle indicator follows the divider block piston movement so the operator can monitor and control oil consumption, set lube rates, and easily spot problems in the divider block system.

Documenting the cycle times and determining the system cycle time pattern will always be the most accurate method of setting the correct lubrication flow rates.



FEATURES

- Works with CPI, DropsA, Graco, Sloan, Lincoln or equivalent brand divider blocks
- Available in three mounting configurations: Trabon O-Ring Design, DropsA Metal Seal Design and Lincoln O-Ring Design
- Installs on any divider block element size* without changing the rated output of the element * The exception is DropsA SMX size 04 elements, do not install on this element
- Made with stainless steel components
- Design is leak free and the polycarbonate viewing window will remain clear providing easy indicator visibility
- Pressure rating of 8000 psi (552 Bar)
- All hydraulic sealing O-Rings are AS-568-904 size, 90 durometer, fluorocarbon material (FKM)

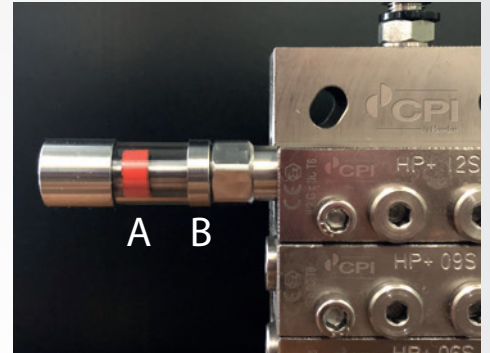


OPERATING INSTRUCTIONS

1. Start timing when the indicator begins moving from position A towards position B.
2. The indicator will move to position B and then back to position A (do not stop timing at this point).
3. Stop timing when the indicator again begins moving from position A towards position B. This reflects one complete cycle of movement.
4. Repeat this process 10 consecutive times and average the results for an accurate cycle time. NOTE: Divider block hydraulic systems typically operate with a timing pattern that repeats within 10 timed cycles. Always take between 5 to 10 consecutive cycle times and average the results to get accurate system cycle times. An insufficient number of cycle time measurements will result in incorrect results and incorrect system adjustments.

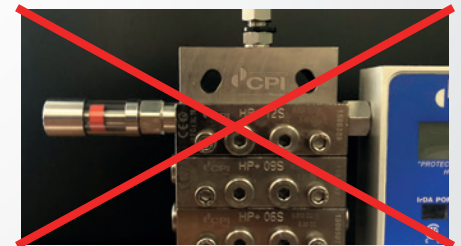
PART NO.	DIVIDER BLOCK TYPE
650050000000NMD	DropsA
650050000000NML	Lincoln
650050000000NMT	CPI HP+/XD+, Graco, SB

DropsA® is a registered trademark of DropsA USA, Inc.



TECHNICAL NOTES AND COMMON MISTAKES

- The indicator does not move continuously and will stop in random places during its travel, which is a part of normal operation.
- The furthest point of travel at position A will be the only repetitive location for all indicators. Position B will vary between brand of divider blocks and between element sizes.
- A system example:
 - A lubrication system with a target cycle time of 11 seconds for the desired flow rate.
 - Twelve consecutive cycle times (seconds): 13, 13, 13, 4, 13, 13, 13, 4, 13, 13, 13, 4.
 - Taking only one reading could result in 13 seconds or 4 seconds.
 - Taking two readings could result in a 13 second average or an 8.5 second average.
 - The average of 4 readings is 10.8 seconds (which reflects the repeating pattern of the overall lubrication system).
 - The average of 5 readings is 11.2 seconds.
 - The average of 10 readings is 11.2 seconds.
 - The average of 12 readings would be 10.8 seconds.
- Rounding to the nearest second shows that this system requires a minimum of 4 consecutive measurements to get accurate results.
- Adjusting this system with less than 4 readings may result in incorrect system flow rates and likely further adjustments that never appear consistent. This leads users to believe the overall system isn't working correctly.
- A common mistake is to capture only a portion of the overall cycle. An example is to start timing when the indicator moves from position A towards position B, and then stop timing when the indicator moves back to position A. This example is missing the amount of time that it takes the indicator to arrive at position A and then begin moving towards position B. Based on where the indicator will pause in its travel, this could be a substantial amount of time and result in incorrect oil flow adjustments.
- Never install a Neomag on the same element as a shut down device or another device.



Never install two devices on the same element.

Patent Number: #7,461,670 B1 - US D570,236 S, US D591,627 & US D613,631 S



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.