RESET PRESSURE INDICATORS
FOR ALL DIVIDER BLOCK SYSTEMS

PATTON®
LUBRICATOR PRODUCTS

Easily Locate Plugged Lubrication Points
That Are Causing High Pressure In The Divider Block System

▶ **Eliminate Guesswork:**
Locate blockage or high pressure lube points on the divider block system.

▶ **Reduce Down Time:**
Operator quickly identifies and corrects lubrication points with excessive pressure & get the compressor back on line.

▶ **Simple Installation:**
Remove the plug on the front of the divider block and install the reset pressure indicator.

Pressure Indicator

Protruding pin identifies the injection point with excessive pressure

MADE IN THE U.S.A
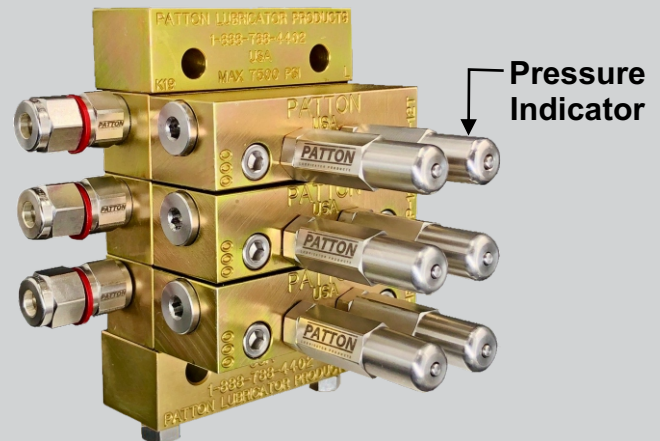
"2 YEAR WARRANTY"

PROBLEM: The divider block system has over pressured and the compressor has shutdown on lube no flow. Without pressure indicators installed on the divider blocks, the operator must remove the check valves at every injection point on the compressor cylinders and packing gland, (one at a time), and use a purge gun to pump oil into each point to determine which injection point is plugged. This is very time consuming and labor intensive.

SOLUTION: When pressure indicators are installed on the divider blocks, the lube point causing excessive pressure in the system can be quickly identified by spotting the protruding pin on the pressure indicator. This eliminates hours of wasted labor and down time of the compressor.

PATTON DIVIDER BLOCK SYSTEMS
Pro-Tecting "Your" Compressor

RESET PRESSURE INDICATORS

OPERATION

Fig 1. When a lubrication point becomes blocked or other issues create excessive pressure in the divider block, pistons "**A**" and "**B**" forward.

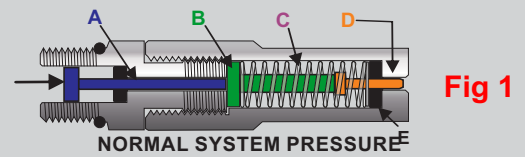NORMAL SYSTEM PRESSURE

Fig 1

Fig 2. The forward movement compresses the internal spring "**C**" forcing the indicator pin "**D**" forward through the opening in the front of the body. The protruding pin can easily be seen and accurately indicates the point of blockage or high pressure in the tubing line or injection point.
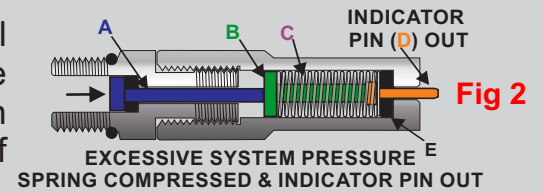

INDICATOR PIN (**D**) OUT

EXCESSIVE SYSTEM PRESSURE
SPRING COMPRESSED & INDICATOR PIN OUT

Fig 2

Fig 3. When the high pressure in the system is relieved the spring "**C**" expands pushing the pistons backward into their original positions, but the colored pin remains in the extended position.
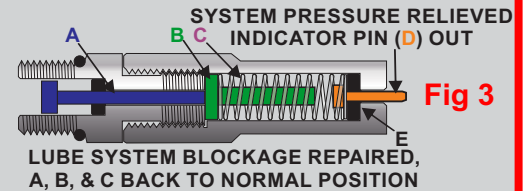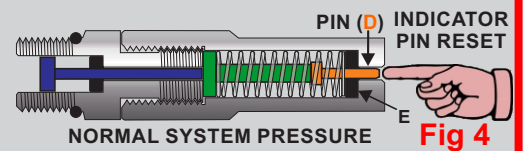

SYSTEM PRESSURE RELIEVED
INDICATOR PIN (**D**) OUT

LUBE SYSTEM BLOCKAGE REPAIRED,
A, B, & C BACK TO NORMAL POSITION

Fig 3

Fig 4. The pressure indicator pin "**D**" is held in the extended position by the o-ring "**E**" until the indicator pin is reset by manually pushing it back into the end of the indicator.

PIN (**D**) INDICATOR PIN RESET

NORMAL SYSTEM PRESSURE

Fig 4

NOTE: Installation of Reset Pressure Indicators is recommended for all divider block systems to enable the operator to easily pinpoint excessively high pressure or blockage in the system.

Patton Reset Pressure Indicators For The Following Ariel, Lubriquip, SB, Graco CPI & Trabon Divider Blocks

ORDER INFORMATION FOR PATTON RESET PRESSURE INDICATORS

| Divider Valve Mfg	Max - PSI	Part #	Order Example:	Part Number
PATTON, CCT, Ariel, SB, Lubriquip, Graco, Trabon	2000 PSI 2500 PSI 3500 PSI 5000 PSI	PLP-RPI 2000 PLP-RPI 2500 PLP-RPI 3500 PLP-RPI 5000	For CCT, Ariel, SB, Lubriquip or Gracon/Trabon Divider Blocks ⌐ 2000 PSI⌐	PLP - RPI 302000

PATTON LUBRICATOR PRODUCTS ATMOSPHERIC RUPTURE ASSEMBLY

Atmospheric Rupture Assemblies have an aluminum disc between the cap and body of the assembly and the thickness of the metal disc determines the burst pressure of the disc. The rupture disc will burst, when the system builds excessive pressure, venting the lubricant to atmosphere. All aluminum discs are color coded to indicate burst pressures. The burst pressure of the atmospheric disc should be a minimum of 800 PSI above the pressure rating of the reset pressure indicator.

NOTICE: "Atmospheric Relief Devices" _MUST_ BE INSTALLED ON ALL DIVIDER BLOCK SYSTEMS

CAUTION:

The Atmospheric Rupture Disc is the "ONLY" protection the divider block system has to relieve excessive pressure.
"NEVER PLUG THE ATMOSPHERIC RUPTURE ASSEMBLY, OR INSTALL MORE THAN ONE ALUMINUM RUPTURE DISC IN THE ASSEMBLY!"

Disc

Disc Ruptured
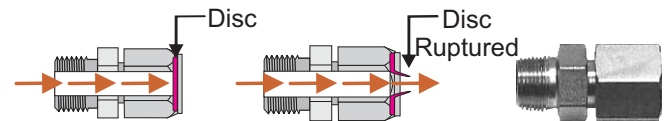
CAUTION: Torque Cap 40 In. Lbs. MAX.

Part#	Burst PSI 1/4" Hole in Cap	Disc Thickness	Disc Color	Burst PSI 1/8" Hole in Cap
0-900-6	900	.006	**Black**	N/A
0-1150-8	1150	.008	**Green**	N/A
0-1450-10	1450	.010	**Yellow**	3700
0-1750-12	1750	.012	**Red**	4600
0-2050-14	2050	.014	**Orange**	5500
0-2350-16	2350	.016	**Silver**	6400
0-2650-18	2650	.018	**Pink**	N/A
0-2950-20	2950	.020	**Blue**	7300
0-3250-22	3250	.022	**Purple**	8200