

PATTON DIVIDER BLOCK SYSTEMS

Pro-Tecting "Your" Compressor

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PATTON'S TRAINING CLASS FOR
"OPERATION, MAINTENANCE & TROUBLESHOOTING"
THE FORCE FEED DIVIDER BLOCK SYSTEM

Due to the lack of knowledge and annual maintenance of compressor divider block systems, most are compromised and have problems that have been overlooked for decades; hence, creating premature wear and failure of rings, rods, cylinders and packing.

Mechanics and operators never intentionally cause the divider block system problems, they simply lack knowledge of the system and skills needed to maintain it correctly. Many problems can be prevented with proper training for the divider block system and annual maintenance programs system. ***Knowledge of the force feed system & Preventive Maintenance Intervals increase run time & longevity of cylinder wear components.***

TRAINING MANUAL: Patton's training manual is provided to all attendees and will provide with knowledge to operate, maintain and troubleshoot divider block systems on every compressor. Engineers and compressor mechanics attending Patton's training class will learn proper methods to "MAINTAIN, ANALYZE, DIAGNOSE AND CORRECT" problems with all compressor divider block systems.

WHAT THE CLASS CONSISTS OF:

Class is a full day and a half (12 hours) of hands-on and written instructions for every part of the force feed system. Class time depends on questions asked during the class and time needed to acquaint each person with operation of a fully functioning system installed on an Ariel compressor.

This class addresses hundreds of questions compressor operators have been asking for years concerning Operation, Maintenance and Troubleshooting of the Divider Block System, such as:

- 1. Why do I continue having to replace lube no-flow devices?**
- 2. Why should the "Lubricator Box" be cleaned and inspected annually?**
- 3. Why should I install a "Low Cracking Pressure Check Valve" at the oil supply source?**
- 4. Why should I always have a "Purge/Pre-Lube Gun" available in my tool box?**
- 5. Why should I install "Pressure Regulators" to reduce oil supply pressure to the lube pump?**
- 6. Why should I install a "Delta-P Non-By-Pass Filter" before the lubricator pump?**
- 7. Why should I install a reliable "Pressure Relief Device or Atmospheric Rupture Assembly" in the discharge line of the lube pump?**
- 8. Why should I install a "Stainless-Steel High-Pressure Filter" with a SS pleated filter element downstream of the lubricator pump?**
- 9. Why should I upgrade the divider block system with a "Reliable Lube No-Flow Shutdown device?"**

Training Facility: 15503 Ranch Road 965 Fredericksburg, TX. 78624 - 432.967.2582
Shop & Office: 1004-B South Midkiff Rd. Midland, TX. 79701 - 1-888-788-4402

10. Why can't I tighten a divider block to stop it from leaking?
11. What is the correct procedure to install divider blocks on the base plate assembly?
12. Why should the divider block assembly include "Base Plate Outlet Check Valves?"
13. Why should the divider block system include "Reset Pressure Indicators?"
14. Why should I have a "Visual Cycle Indicator" on the divider block assembly?
15. Why should compressors operating in medium to high pressure applications include "Balancing Valve Assemblies" to equalize the working pressure of each lubrication point?
16. Why do I continue having "check valve failures?"
17. Why do I have continued having "premature wear and failure of the rings, rods and packing?"
18. Why does the rupture disc continue to blowout at compressor startup?
19. Why should I control oil consumption?
20. What do the numbers on the divider block mean?
21. How do I find the lubrication point that's causing the rupture disc to blowout?
22. How does a divider block work?
23. Why causes the DNFT, Proflo to fail?
24. What are the Never, Never rules for all systems?
25. What takes place when air or gas enters the system?
26. How does air get into the system?
27. How can I tell if my lube pumps are failing?
28. Why shouldn't I use oil from the engine crankcase to lubricate the rings, rods, cylinders and packing?
29. Why are my proximity switches failing?
30. What is the first thing I should look at when my compressor goes down on lube-no-flow?
31. How do I troubleshoot the divider block system when the compressor goes down on lube no-flow?
32. How can I eliminate check valve failure?
33. Why aren't the divider block systems injecting correct quantities of oil in cylinders and rod packing?

TRAINING CLASSES REQUIRE A 2 NIGHT STAY: Attendees driving long distances should drive in the day prior to the scheduled day of training to ensure they will be ready for class at 8:00am.

Day 1: Training will cover divider block products & operation & answers to questions as well as hands on.

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Day 2: Training will consist of hands on an actual divider block system running on An Ariel Compressor. Attendees will depart after lunch on day 2.

FOOD: Coffee, continental breakfast (fruit, muffins, bagels, yogurt etc.) snacks throughout the day & lunch will be provided both days.

LODGING: Lodging in Fredericksburg Texas should be reserved a couple of weeks in advanced due high occupancy year-round.

TRAINING DATES: Dates for training are optional, depend on registration (min of 5) and availability.

TEST: A 25 question multiple choice test will be given at the end of each class to assess knowledge class attendees have retained. Answers will be openly discussed to ensure everyone walks away with correct answers and acceptable working knowledge for components and troubleshooting of the compressor force feed divider block system.

COST: \$800.00 per person and classes are limited to 10 attendees. Product training for educating individuals interested in selling products & improving their knowledge of the divider block system is limited to 15 attendees.

ALL SALES PEOPLE SHOULD HAVE KNOWLEDGE OF THE PRODUCT THEY'RE SELLING:

Companies and end users purchasing Patton products for resale require not only sales information, but in-depth knowledge of force feed system components.

SELLING A PRODUCT IS NOT JUST HANDING OUT BROCHURES!!

When anyone in sales presents a product, they need knowledge to educate the person for specific advantages of each component. This helps compressor operators and mechanics understand why they need the product over competitive products. To address this need, class time and training will be dedicated to assist the sales force of Patton's distributors and any company purchasing components for resale. Activities in classes for those individuals in sales will include interacting with each other and the class to help sales representatives understand how to demonstrate and explain the technical aspects of Patton's products to compressor mechanics, operators and engineering.

CERTIFICATES OF TRAINING:

Certificates will be given to each person attending the class for recognition of their participation and increasing their knowledge of the force feed divider block system.

NOTE: Due to utilizing a fully functioning force feed system mounted on an Ariel compressor, hands training & demonstration stands, remote training classes are not possible.

Registration: Contact Curtis Roys at 432-967-2582 to schedule a training for your employees or sales force.

Curtis Roys
Instructor
Patton Lubricator Products
Cell: 432.967.2582
Training Facility - 15503 Ranch Road 965 Fredericksburg, TX 78624

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