



PETRON PLUS™ FORMULA 7



PETRON PLUS™ FORMULA 7 HYDRAULIC SUPPLEMENT

▶ **PART NO.'S: 52275-11oz, 52275-1g, 52275-5g, & 52275-55g***

TECHNICAL DATA SHEET

Petron Plus™ Formula 7 Hydraulic Supplement is a concentrated extreme pressure, anti-wear supplement for multi-purpose hydraulic fluid applications.

When Petron Plus™ Formula 7 Hydraulic Supplement is added to a basic hydraulic fluids, it can help significantly improve hydraulic equipment and system performance.

Petron Plus™ Formula 7 Hydraulic Supplement may be used in a variety of hydraulic fluids and in a broad variety of functional applications and both low and high pressure systems, including but not limited to: Presses, Injection molding, Mining systems, Manufacturing systems, Material handling, Paper machines, Steel mill systems, Machine tools, Gear cases, Construction equipment, Central systems, Marine hydraulic, Compressors.

Petron Plus™ Formula 7 Hydraulic Supplement helps; resists thermal degradation, Protects against corrosion, Extends pump life, Extends hydraulic fluid life, Reduces energy requirements, Reduces foam, Improves filterability, and Environmentally friendly.

Formulated to meet or exceed the major equipment builders, pump manufacturers, when added to API approved hydraulic fluids; including but not limited to: Sperry Vickers, Denison, Cincinnati Milacron, Lee Norse, General Motors, Racine, Jeffrey, US Steel, etc.

Available in 11 ounce bottles, 1 gallon jugs, 5 gallon pails, & 54 gallon drums.

APPLICATIONS:

1. May be used in a variety of hydraulic fluids and in a broad variety of functional applications and both low and high pressure systems, including but not limited to:

| | | |
|------------------------|-------------------|------------------|
| Presses | Injection molding | Mining systems |
| Manufacturing systems | Material handling | Paper machines |
| Steel mill systems | Machine tools | Gear cases |
| Construction equipment | Central systems | Marine hydraulic |
| Compressors. | | |

FEATURES:

1. Formulated to meet or exceed the major equipment builders, pump manufacturers, when added to API approved hydraulic fluids; including but not limited to:

- Sperry Vickers I-286-8, M-2950-S
- Denison HF-1, HF-2, HF-0
- Cincinnati Milacron P-68, P-69, P-70
- Lee Norse 100-1
- Lord M-6C32
- BF Goodrich 0152
- General Motors LH-04-1, LH-06-1, LH-15-1
- Racine, Variable volume vane pumps.
- Jeffrey No. 87
- US Steel 136, 127
- DIN 51524, Part 2

BENEFITS:

1. Helps resists thermal degradation.
2. Helps protects against corrosion.
3. Helps extends pump life.
4. Helps extends hydraulic fluid life
5. Helps reduces energy requirements
6. Helps reduces foam.

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The combined operating advantages of Petron Plus™ Formula 7 Hydraulic Supplement advanced lubrication technology, insure the best hydraulic system lubrication and protection available. Regular use of Petron Plus™ Formula 7 Hydraulic Supplement will help save money by extending lubricant change intervals, reducing fluid inventories, reducing pump and parts replacement, reducing downtime, reducing energy required to operate equipment, and maintaining stable horsepower of hydraulic equipment over prolonged use periods without shutdown.

Petron Plus™ Formula 7 Hydraulic Supplement is environmentally friendly, it is a petroleum based product that should not be exposed to or stored near open flame, and kept out of reach of children. It is best to avoid contact with eyes and ingestion. However the product is Ashless with improved performance and requires no unusual handling, storage, or disposal.

Operating Advantages:

1. Helps Resists Thermal Degradation and minimizes sludge from reactions with steel, copper, and temperatures.
2. Helps Protects Against Corrosion by preventing acid formation caused by reaction of fluids with water.
3. Helps Extends Pump Life and reduces maintenance because of extremely high extreme pressure/anti-wear properties. Pumps operate longer, and more efficiently.
4. Helps Extends Hydraulic Fluid Life because of ability to dissipate friction and heat, allowing fluid films to remain stable under heavy pressure and elevated temperatures.
5. Helps Reduce Energy Requirements and boosts horsepower by reducing heat, and the coefficient of friction in operating equipment.
6. Helps Reduce Foam to insure smoother more efficient operation and proper lubrication of the system.
7. Helps Improve Filterability, is achieved because of reduced water and other contamination of fluids being filtered.
8. Environmentally Friendly, Ashless fluid helps reduce potential emissions, helps protect the environment.

Directions:

Add 5 to 20 percent of Petron Plus™ Formula 7 Hydraulic Supplement to almost any hydraulic fluid. If not sure, contact your Petron Plus™ distributor for advise. We suggest you add 5% to 10% to start with. You can add an additional 5%, and another 5% each time you see the performance increase.

Not recommended for use with non-flammable hydraulic fluids.

Do not use with Glycol type hydraulic fluids.

The advantages referred to above are indicative of those achieved in actual use, however, **Petron Plus™ Global, Inc.** (PPGI) cannot guarantee similar results in all cases since results vary based on application, materials, used, equipment, etc. PPGI MAKES NO OTHER WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES.

Distributed By:

***NOTE:**

The following Part Numbers 52275-11oz, 52275-1g, 52275-5g, & 52275-55g are the current part numbers for 43122, 43124, 43126, & 43640. If you have any questions, please contact your local Petron Plus Distributor or call: 1-800/884-5823, or 620/663-1800 and ask for Technical Support.

November, 2013

Warranty: All products purchased from Petron Plus Global, Inc., (PPGI) are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. PPGI warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by PPGI is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the product's suitability for a particular purpose. No warranty is expressed or implied regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose, or that the use of such other information or product will not infringe any patent.

TYPICAL SPECIFICATIONS:

PETRON PLUS™
FORMULA 7
HYDRAULIC SUPPLEMENT

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Part No., | . | . | . | . | . | . | . | . | . | . | . | . | . | 52275 |
| Spec. Gravity, | . | . | . | . | . | . | . | . | . | . | . | . | . | 0.940 |
| Pounds/Gallon, | . | . | . | . | . | . | . | . | . | . | . | . | . | 7.83 |
| Flash Point, COC, °F., | . | . | . | . | . | . | . | . | . | . | . | . | . | >390 |
| Pour Point, °F., | . | . | . | . | . | . | . | . | . | . | . | . | . | -4 |
| Foaming Tendency, Sequence | | | | | | | | | | | | | | |
| I, II, III, ASTM D-892, ml, | . | . | . | . | . | . | . | . | . | . | . | . | . | 20/0 |
| Copper Corrosion, ASTM D-130, | | | | | | | | | | | | | | |
| 3 hrs., @100°C, | . | . | . | . | . | . | . | . | . | . | . | . | . | 1B |
| Rust Test, ASTM D-665, . | . | . | . | . | . | . | . | . | . | . | . | . | . | Pass |
| Meets or Exceeds the Following Requirements when Added to Approved Fluid: | | | | | | | | | | | | | | |
| Cincinnati Machine | | | | | | | | | | | | | | |
| P-68 | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| P-69 | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| P-70 | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| Vickers Pump Test, I-286S, | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| Vickers Pump Test, M-2950-S, | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| Denison HF-0, . | . | . | . | . | . | . | . | . | . | . | . | . | . | X |
| FZG 4-Square Load Support, | | | | | | | | | | | | | | |
| DIN 51354, Fail Stage, . | . | . | . | . | . | . | . | . | . | . | . | . | . | 12 |
| Color, . | . | . | . | . | . | . | . | . | . | . | . | . | . | Amber |

Distributed By:

Warranty: All products purchased from Petron Plus Global, Inc., (PPGI) are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. PPGI warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by PPGI is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the product's suitability for a particular purpose. No warranty is expressed or implied regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose, or that the use of such other information or product will not infringe any patent.