



Multi-Vis R Hydraulic Oils

Description:

Multi-Vis R Hydraulic Oils are premium shear stable hydraulic fluids designed for year round service. This unique product line is also formulated with additional antiwear additives providing the higher zinc level generally recommended by Rexroth pump manufacturers. These hydraulic fluids provide excellent low temperature pumpability and superior performance throughout a wide range of start up and operating temperatures.

Multi-Vis R Hydraulic Oils are formulated with superior Group II base oils. The use Group II base stocks typically increase the D 943 oxidation performance to exceed 5000 hours.

Performance Features & Benefits:

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|-------------------------------------------|-----------------------------------------|
| Excellent Shear Stability | Excellent Antiwear Protection |
| Excellent Water Separation | Excellent Low Temperature Properties |
| Excellent Filterability | Excellent Rust and Corrosion Protection |
| Excellent Oxidation and Thermal Stability | Resist Foaming in Service |

Typical Physical & Chemical Properties:

| Product | #15R | #22R | #26R | #32R | #46R | #68R | #100R | #150R |
|-----------------------------------------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|
| Product Code | 780 | 781 | 783 | 786 | 785 | 782 | 787 | 788 |
| ISO Grade | 15 | 22 | 22/32 | 32 | 46 | 68 | 100 | 150 |
| API Gravity @ 60°F | 35 | 33.2 | 32.8 | 31.7 | 30.8 | 29.9 | 29.3 | 27.7 |
| Viscosity @ 40°C, cSt | 15.3 | 22 | 26 | 32 | 46 | 68 | 100 | 150 |
| Viscosity @ 100°C, cSt | 4.0 | 4.8 | 5.4 | 6.3 | 8.0 | 10 | 12.3 | 16.8 |
| Viscosity Index | 170 | 150 | 150 | 150 | 145 | 130 | 115 | 120 |
| Pour Point°F | <-60 | -55 | -50 | -50 | -45 | -40 | -30 | -15 |
| Zinc, % wt | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| FZG fail stage (A8.3/90) ISO14635-1/DIN 51354 | ND | ND | ND | ND | 11 | 11 | 11 | 11 |
| DIN 51524 Part 3 | HVLP 15 | HVLP 22 | HVLP 26 | HVLP 32 | HVLP 46 | HVLP 68 | HVLP 100 | HVLP 150 |

ND = Not Determined

Performance Characteristics:

These products have been developed to meet or exceed the requirements of all conventional and high-output industrial and mobile hydraulic systems including; Vickers I-286-S, M-2950-S; Bosch Rexroth RE 90 220; DIN 51524 Part 3; and Commercial Hydraulic systems.

