



U.S. Premium Anti-Wear Hydraulic Oils

Description:

U.S. Premium Anti-wear Hydraulic Oils are superior-quality hydraulic oils, designed to meet the most stringent requirements of all major manufacturers and users of hydraulic equipment. They derive their anti-wear properties from a robust zinc dialkyldithiophosphate (ZDDP) additive. This special additive is very effective in reducing vane, gear, and radial piston pump wear. U.S. Premium Anti-wear Hydraulic Oils are the first choice for hydraulic power transmission in systems operating at high loads, speeds, and temperatures.

Benefits:

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| Proven Field Performance | Excellent Water Separation |
| Excellent Hydrolytic Stability | Excellent Thermal Stability |
| Excellent Filterability | Excellent Oxidation Stability |
| Excellent Rust and Corrosion Protection | Resist Foaming in Service |

Typical Physical Properties:

Product	#150	#200	#300	#500	#750
Product Code	160	162	165	167	170
ISO Grade	32	46	68	100	150
API Gravity @ 60 ⁰ F	31.5	30.3	28.9	28.3	28.2
Viscosity @ 40 ⁰ C, cSt	32	46	68.0	100	150
Viscosity @ 100 ⁰ C, cSt	5.4	6.8	8.7	11.3	14.6
Viscosity Index, typ	100	100	95	95	95
Pour Point ⁰ F	-20	-15	-10	10	15
Vis Grade Performance:					
FZG fail stage DIN 51354	11	11	11	11	11
DIN 51524 Part 2	HLP 32	HLP 46	HLP 68	HLP 100	HLP 150
Cincinnati Milicron	P-68	P-70	P-69	-	-

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; the new Parker-Denison HF-O Hybrid Pump T6H20C, Denison T-6C Vane Pump (Wet & Dry Phases), Vickers, I-286-S, M-2950-S; U.S. Steel 127, DIN 51524 Part 2; and AFNOR E 48-603 Part1.