

# ANTI-WEAR Hydraulic Oils

## Description

**Premium Anti-wear Hydraulic Oils** are superior quality hydraulic fluids, designed to meet the most stringent requirements of all major manufacturers and users of hydraulic equipment.

**Premium Anti-wear Hydraulic Oils** 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.

**Premium Anti-wear Hydraulic Oils** are the first choice for hydraulic power transfer in systems operating at high loads, speeds and temperatures.

**Premium Anti-wear Hydraulic Oils** have been specifically formulated to meet or exceed the requirements of all conventional and high-output industrial and mobile hydraulic systems.

## Features/Benefits

- ✓ **Proven Field Performance**
- ✓ **Excellent Filterability**
- ✓ **Superior Rust and Corrosion Protection**
- ✓ **Exceptional Water Separation**
- ✓ **Excellent Hydrolytic, Thermal and Oxidation Stability**
- ✓ **Resists Foaming in Service**

## Meets or Exceeds the Requirements of:

- ✓ Parker-Denison HF-O Hybrid Pump T6H20C
- ✓ Denison T-6C Vane Pump (Wet and Dry phases)
- ✓ Vickers I-286-S, M-2950-S
- ✓ U.S. Steel 127
- ✓ DIN 51524 Part 2
- ✓ AFNOR E 48-603 Part 1

## Typical Properties

Properties	150	200	300	500	750
Product Number	160	162	165	167	170
ISO Grade	32	46	68	100	150
API Gravity @ 60°F	31.5	30.3	28.9	28.3	28.2
Viscosity @ 40°C, cSt	32	46	68	100	150
Viscosity @ 100°C, cSt	5.4	6.8	8.7	11.3	14.6
Viscosity Index, typ	100	100	95	95	95
Pour Point °F	-20	-15	-10	10	15
<b>Vis Grade Performance</b>					
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 Milacron	P-68	P-70	P-69	-	-