



## HP-II High Performance Hydraulic Oils

### Description

**HP-II High Performance Hydraulic Oils** are advanced formula, long life, anti-wear hydraulic fluids. They are designed for high performance hydraulic systems operating under extreme conditions.

**HP-II High Performance Hydraulic Oils** are formulated with superior Group II crystal clear base oils processed to 99.9% purity. By removing impurities that can hinder the performance of competitive conventional oils, and blending in our specialty additives, **HP-II High Performance Hydraulic Oils** retain their "fresh oil" properties longer, providing resistance to oxidative breakdown and superior wear protection.

The use of Group II base stocks typically increases the D 943 oxidation performance to exceed 5,000 hours. **HP-II High Performance Hydraulic Oils** take your equipment to higher levels of performance.

### Features/Benefits

- ✓ **Resists Degradation (Breakdown) in High Temperatures**
- ✓ **Superior Anti-wear Protection**
- ✓ **Outstanding Oxidation and Thermal Stability**
- ✓ **Reduces Maintenance and Mechanical Failure**
- ✓ **Enhanced Equipment Protection in Extreme Conditions**
- ✓ **Decreases Varnish Build Up**

**Meets or exceeds the requirements of all conventional and high-output industrial and mobile hydraulic systems requiring:**

- ✓ Parker Hannifin France (Denison) HF-0, HF-1, HF-2
- ✓ Eaton Vickers I-286-S, M-2950-S
- ✓ GM LS-2
- ✓ U.S. Steel 127, 136
- ✓ DIN 51524 Part 2
- ✓ Bosch Rexroth
- ✓ SAE MS 1004
- ✓ AFNOR E 48-603 Part 1
- ✓ JCMAS HK
- ✓ Commercial Hydraulic systems

### Physical, Chemical & Performance Properties

ISO Grade	32	46	68
Product Number	1600	1620	1650
API Gravity @ 60°F	31.7	30.8	30.1
Viscosity @ 100°C, cSt	5.4	6.8	8.8
Viscosity @ 40°C cSt	32	46	68
Viscosity Index, typical	100	100	100
Pour Point °F, typical	-40	-35	-25
Vis Grade Performance			
Cincinnati Machine	P-68	P-70	P-69