



HYEX Premium Hydraulic Oil

STARFIRE HYEX Premium Hydraulic Oils are a high viscosity index hydraulic oil for use in mobile and industrial equipment operated in a wide range of sub-arctic and temperate climates. This offers superior shear stability and cold temperature performance.

STARFIRE HYEX Premium Hydraulic Oils are a premium anti-wear hydraulic fluid with outstanding low temperature characteristics. They are specially formulated for use in mobile equipment hydraulic circuits where wide temperature ranges are encountered.

STARFIRE HYEX Premium Hydraulic Oils can also be used for traditional in-plant hydraulic applications, and exceed most industry hydraulic fluid specifications, including: Denison HF-2, HF-0 Commercial Shearing, Vickers, Sunstrand, Rexnord, and Cincinnati Milacron.

APPLICATIONS

STARFIRE HYEX Premium Hydraulic Oils may be recommended for applications when a premium quality, anti-wear hydraulic oil is required by equipment manufacturers. The oils meet the rigorous performance requirements including Denison HF-O and HF-2, Cincinnati Milacron P-68, P-69, and P-70, Vickers M-2950-S and 1-286-S, DIN 51524 (Part II, III), ANSI 9005-E02-RO, ASTM D6158, GM LS-2, and AIST 126,127. Passes Vickers 35VQ25 Pump Test.

BENEFITS

- **Excellent thermal stability**- contains the latest thermally stable zinc type additives, virtually eliminating the formation of heat-related sludging in electro-hydraulic servos associated with conventional zinc-type oils.
- **Excellent Rust protection**
- **Excellent anti-wear protection** to pumps, motors, valves, and other hydraulic circuit components.
- **Excellent anti-foam protections**
- **Excellent multi-temperature applications**

ISO GRADE	AW 32	AW 46	AW 68	AW 100
Viscosity: cSt @ 40°C	29.71	42.79	70.19	98.5
cSt@100°C	5.54	7.56	11.74	11.5
Viscosity Index	119	112	109	113
Pour Point, °F	-37	-36	-31	-32
Flash Point °C	177	199	199	201
Specific Gravity	0.849	0.849	0.849	0.875
Gravity, °API	35.1	35.1	35.2	30.2
Density (lb/gal) @ 60F	7.08	7.08	7.07	7.295
Oxidation Stability, hrs	6000+	6000+	6000+	6000+