



Raysun Vega HVI

Premium Quality High Viscosity Index Hydraulic Oil for Extreme Temperature Ranges

Raysun Vega HVI series are premium quality anti-wear hydraulic oils specially developed for applications subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required. They are formulated with high quality paraffinic base oil, highly shear stable polymer and an advanced additive to meet the stringent requirements of modern hydraulic systems. These oils provide excellent protection against oxidation degradation, rust & corrosion and wear. They also possess superior foam control, water separation and rapid air release properties. These oils exceed the performance requirements of global industry (standards viz. DIN 51524 part 2 and 3 (HLP, HVLP), AFNOR NFE 48- 603 (HV

Advantages

- Exceptional anti-wear property results in longer component life reducing costs
- Extremely high viscosity index assures equipment protection at cold start-up temperatures and at high operating temperatures
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions
- Excellent thermo-oxidative stability controls the formation of sludge & varnish and improves oil life
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture
- Rapid air release property minimizes chances of pump cavitation leading to trouble free operations
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems

Applications

- Hydraulic and power transmission systems subjected to a wide range of ambient & operating temperatures
- Critical high accuracy industrial hydraulic systems
- Hydraulic systems of excavators, cranes and hydrostatic drives subjected to most severe

Specification

- (DIN 51524 part 2 and 3 (HLP, HVLP), AFNOR NFE 48-603 (HV
- Denison Filterability TP 02100
- Sperry Vickers I-286-S
- U.S. Steel 126, U.S. Steel 127



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ISO Viscosity Grades						ASTM Method	Specification
100	68	46	32	22	15		
0.886	0.88	0.874	0.868	0.84	0.830	D 1298	Density @ 15°C, kg/l
100	68	46	32	22	15	D 445	Viscosity @ 40 °C, cSt.
152	152	152	151	151	160	D 2270	Viscosity Index
238	226	218	218	200	190	D 92	Flash Point, °C
-30	-36	-36	-39	-42	-42	D 97	Pour Point, °C
Pass	Pass	Pass	Pass	Pass	Pass	D 665A/B	Rust Test

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."