

Raysun Vega Synth AW

Premium Quality Fully Synthetic Hydraulic Oil

Raysun Vega Synth AW series are premium quality antiwear fully synthetic acceptable hydraulic oils specially developed to meet the requirements of the most demanding modern hydraulic systems in industrial and mobile service. These oils are formulated with polyalphaolefine base oil and an advanced anti-wear technology to provide outstanding protection to hydraulic equipment and to reduce environmental impact in case of an accidental release into the environment. They exceed the performance requirements of global industry standards .viz. Sperry Vickers I-286-S, etc

Advantages

- Outstanding thermo-oxidative stability reduces deposit formation, improves pump & valve performance and allows extension of oil and filter change intervals
- Exceptional anti-wear property results in longer pump life and reduced maintenance costs
- Naturally high Viscosity Index ensures minimum viscosity change over a wide temperature range
- Excellent demulsibility helps in faster separation of water from oil and resists formation of emulsions
- Special rust & corrosion inhibitors protect multi-metallurgy components against negative effects of moisture presence in the system
- Rapid air release property minimizes pump cavitation and prevents component damage
- Offers long term hydrolytic stability and yellow metal compatibility in presence of water
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems

Applications

- Most demanding hydraulic systems subjected to high pressures and loads and in environmentally sensitive applications and requiring extended oil change intervals
- Hydraulic systems sensitive to deposits due to presence of solenoid/ servo / proportional valves having close tolerance in sophisticated Computer Numerically Controlled machines
- Hydraulic systems in industrial and mobile service employing gear, vane and piston pumps and general machine lubrication where anti-wear hydraulic oils are recommended

Specification

- Sperry Vickers I-286-S
- (DIN 51524 (Part II, III) (2006
- (AFNOR NF E 48-603 (HM
- U.S. Steel 126, 127

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ISO Viscosity Grades				ASTM Method	Specification
100	68	46	32		
0.840	0.835	0.833	0.827	D 1298	Density @ 15°C, kg/l
100	68	46	32	D 445	Viscosity @40 °C, cSt.
160	158	154	144	D 2270	Viscosity Index
243	240	238	234	D 92	Flash Point, °C
-48	-51	-54	-57	D 97	Pour Point, °C
Pass	Pass	Pass	Pass	ASTM D665A/B	Rust Test
11	11	10	9	DIN 51354 Part II	FZG, fail load stage, minimum

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