Raysun Capella Plus

Premium quality turbine oil for industrial applications

Raysun Capella Plus series are premium quality turbine oils specially designed to satisfy the demanding lubrication requirements of steam turbines in today's power industry. These oils are formulated with high quality severely hydrocracked API Group III base oils and a proprietary Ashless additive package containing anti-oxidants, corrosion inhibitors and metal deactivators. These oils possess outstanding thermal and oxidation stability, excellent water separability, superior rust and corrosion inhibition, low foaming tendency, good air release properties and resistance to chemical degradation to provide excellent equipment protection, reliable operation, with reduced down-time and extended service life.

Advantages

- Outstanding thermal and oxidation stability prevents sludge formation, controls deposits and minimizes oil degradation leading to reliable operation.
- Excellent water separation capability resists formation of emulsion and leads to easy removal of excess water from the lubrication system.
- Effective rust and corrosion inhibitors provide long term protection to critical system components.
- Good air release properties and foam control avoid erratic operation and pump cavitation leading to trouble free operation.

Applications

- Power generation steam turbines
- Industrial steam turbines
- Applications requiring high quality rust and oxidation(R&O) inhibited oils
- Turbo compressors
- Suitable for use where low TAN is required
- Water turbines and non-geared gas turbines

Specification

- (DIN 51515 Part 1 (TD
- (ASTM D 4304, Type I (non-EP
- British Standard BS 489
- Alstom HTGD 90117 V 0001 S
- GEK 32568 A/C
- Siemens TLV 9013-04
- CEGB Standard 207001
- Brown Boveri HTGD 90117
- U.S. Steel 120

شرکت نفت ری سان
تهران، پاسداران، چهارراه فرمانیه، خیابان شهید جهانبخش نژاد، پلاک ۱۰ واحد ۴۲
کدپستی : ۱۹۵۷۹۴۵۱۳۱ تلفن: ۲۳۵۵۰ (۲۱)۹۸+ فکس: ۲۲۸۲۰۲۳۵ (۲۱)۹۸+
www.raysunoil.com
info@raysunoil.com

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ISO Viscosity Grades			ASTM Method	Specification
68	46	32		
0.868	0.865	0.862	D 1298	Density @ 15^{0}C, kg/l
68	46	32	D 445	Viscosity @40 °C, cSt.
120	120	120	D 2270	Viscosity Index
244	224	218	D 92	Flash Point, °C
-27	-27	-30	D 97	Pour Point, °C
Pass	Pass	Pass	D 665A/B	Rust Test
1a	1a	1a	D 130	Copper Corrosion
<0.1	<0.1	<0.1	D 974	Acid Number, mg KOH/g
3	3	2	D 3427	Air Release, minutes
1600$^+$	1600$^+$	1600$^+$	D 2272	RPVOT, minutes

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