R&O Oils

STARFIRE R&O Oils are high performance turbine grade lubricants specially formulated from high viscosity index paraffinic base stocks and robust additive technology. This combination of base oils and additives provide for excellent performance against rust and oxidation to extend fluid life and reduce system maintenance.

STARFIRE R&O Oils shed water readily and are highly resistant to emulsification. They are suitable for use in hydraulic systems, gear cases not requiring EP lubricants, friction clutches, heat transfer systems, steam turbines, air compressors and other industrial units.

Manufacturer Specifications:

- DIN 51524, Part 1
- Cincinnati Milacron: P-38, P-55, P-54, and P-57
- Hagglunds Denison HF-1
- Hagglunds Denison HF-0 Bench Tests
- General Electric GEK-32568
- Solar Turbines ES9-224
- MIL-H-17672D

	Method	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Specific Gravity	D-4052	0.8608	0.8609	0.8663	0.8681	0.8769	0.8868	0.8953	0.8939
Viscosity, cSt @ 40°C	D-445	32.49	46.21	66.19	100.52	114.23	212.72	294.04	419.44
Viscosity, cSt @ 100°C	D-445	5.93	7.26	9.20	12.07	15.38	19.36	23.95	29.37
Viscosity Index	D-2270	129	118	116	111	109	103	102	98
Flash Point, °C(°F)	D-92	222 (432)	216 (421)	218 (424)	220 (428)	280 (536)	256 (493)	250 (478)	247 (478)
Pour Point, °C(°F)	D-97	-26 (-15)	-24 (-11)	-26 (-15)	-25 (-13)	-24 (-11)	-15 (5)	-12 (10)	-11 (12)
Neutralization Number	D-943	<0.11	<0.11	<0.11	<0.11	<0.11	<.011	<.011	<0.11
Turbine Stability, Hrs.	TOST	+5000	+5000	+5000	+5000	+5000	+5000	+5000	+5000