



USIL R&O/TURBINE OILS

Codes 130,131,132,133,134

USIL R&O/Turbine oils are fully fortified against corrosion, oxidation and foaming resulting in **2500+** oxidation life.

USIL R&O/Turbine oils provide excellent performance on machine tools, servo controls, metalworking equipment, bearings and some air compressors.

Performance Level:

DENISON STANDARD HF-1 CINCINNATI MILACRON P-38, P-54, P-55, P-57
 DIN 51524, PART 1 U.S. STEEL REQUIREMENT 126
 MIL-L-17672C AFNOR 3-48600 HL
 BROWN BOVERI 32, 46 BRITISH STANDARD 498
 ELLIOTT ARAMCO

Benefits:

- Proven field performance
- Rust, oxidation and anti-wear protection for a wide variety of turbines and hydraulic pumps
- Excellent thermal and oxidative stability
- Superior water separation
- Good low temperature properties
- Superior anti-foam characteristics

Applications:

- High speed turbines
- Reciprocating compressor oils
- Light duty gas turbine (without gear sets)
- Circulating oils
- Heat transfer oils
- Spindle oils
- Non-EP pneumatic tools

Typical Properties:

ISO Grades	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
Appearance	Clear amber	Clear amber	Clear amber	Clear amber	Clear amber
Viscosity @ 100C, cSt	4.4	5.4	6.8	8.5	11.3
Viscosity @ 40C, cSt	22	32	46	67	98
Viscosity Index	100	102	100	97	102
Pour Point, deg. C	-35	-33	-32	-29	-26
Flash Point, deg. F	320	380	420	430	430
Specific Gravity	0.866	0.875	0.879	0.884	0.886
Pounds/gal. @ 60F	7.10	7.29	7.32	7.36	7.38
Rust, ASTM D-665 (A&B)					
Sea Water	No rust	No rust	No rust	No rust	No rust
Distilled Water	No ruse	No rust	No rust	No rust	No rust
Oxidation Life, D-943, Hours	2500	2500	2500	2500	2500