

# SPX SYN R&O

## MULTIPURPOSE SYNTHETIC RUST & OXIDATION INHIBITED ANTIWEAR CIRCULATING OIL

SPX Syn R&O is a rust and oxidation (R&O) inhibited, antiwear circulating oil developed for use in circulation systems, centrifugal air compressors, geared turbines, lightly loaded gearboxes and other various industrial applications. This product is formulated with full synthetic base oils and a low level of ashless (zinc-free) antiwear additive for mild wear protection.

### Advantages

- Excellent oxidation resistance to minimize sludge and varnish formation
- Mild wear protection
- Protects against rust and corrosion
- Excellent water-separating properties
- Good foam resistance

### Applications

- Air tools and pneumatic equipment
- Centrifugal air compressors
- Steam turbines and hydroelectric turbines, both with direct drive and with gear drives
- Lightly loaded enclosed industrial gearboxes where the OEM specifies a R&O type oil
- Lightly loaded plain and rolling element bearings
- Vacuum pumps, deep well water pumps and machine tools
- General purpose machinery

### Specifications

SPX Syn R&O is recommended for use where the equipment manufacturer specifies:

- AGMA 9005-F16 (non EP)
- ALSTOM HTGD 90 117 V0001Y (non-EP)
- ASTM D4304 Types I & III
- British Standard 489
- DIN 51515 Parts 1 & 2
- General Electric 107395A, 32568K, 27070, 28143B, & 46506E
- ISO 8068 L-TSA & L-TGA
- Siemens TLV 9013 04 (non-EP), TLV 9013 (non-EP)
- Solar Turbines ES 9-224W



Industrial



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## TYPICAL PROPERTIES

ISO Grade	32	46
SAE Grade, approximate	10W	20
AGMA Grade	0	1
Specific Gravity @ 60°F	0.862	0.868
Density, lbs/gal @ 60°F	7.18	7.23
Flash Point (COC), °C (°F)	204(400)	210(410)
Pour Point, °C (°F)	-32(-25)	-27(-20)
Viscosity		
cSt @ 40°C	32	46
cSt @ 100°C	5.9	7.6
Viscosity Index	130	130
Rust Test, ASTM D665 A&B	Pass	Pass
Oxidation Stability, TOST, ASTM D943, hours	>5000	>5000

### Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).

Industrial