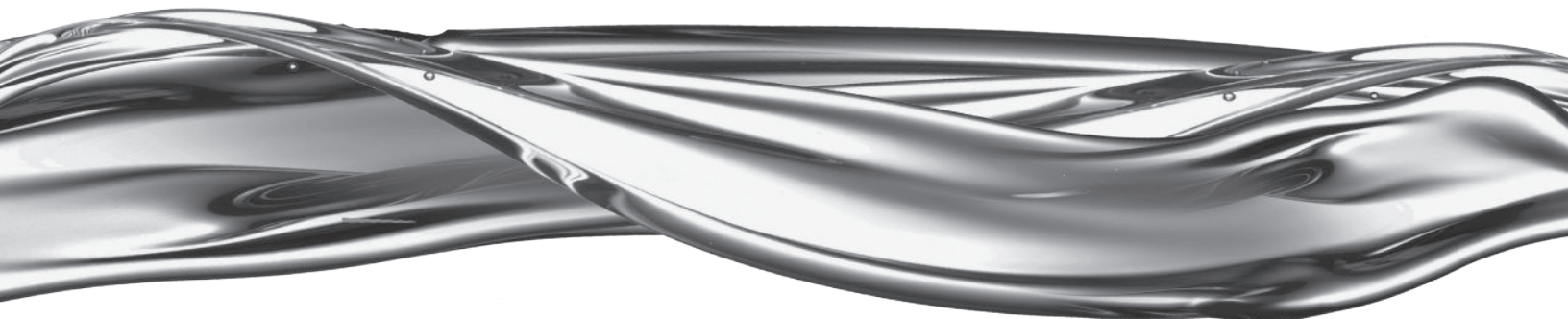


# SP-6863

## 12K Ultimate Extended Life Air Compressor Fluid



Designed for use in air compressors with high discharge temperatures, SP-6863 offers outstanding fluid life in the harshest of conditions. SP-6863's advanced additive package provides outstanding resistance against varnish and corrosion. It is formulated to have faster water separation, outstanding oxidative resistance, and enhanced wear protection. This means better system protection and increased fluid drain intake.

SP-6863 is compatible with a wide variety of synthetic compressor fluids:

- POE-based
- OEM PAG
- Diester-based
- PAO-based
- Petroleum-based

### Applications

- Rotary screw
- Reciprocating piston

### Performance Advantages

- 12,000-hour oil life at 100°C discharge temperature
- Compatibility with most synthetic compressor lubricants (excluding silicone-based lubricants)
- Protects against wear
- Controls carbon and varnish formation
- Oxidatively stable
- High flash point
- Excellent film strength
- Protects against rust and corrosion



"I have a number of customers who've converted to this fluid simply because they operate in extremely hot environments.

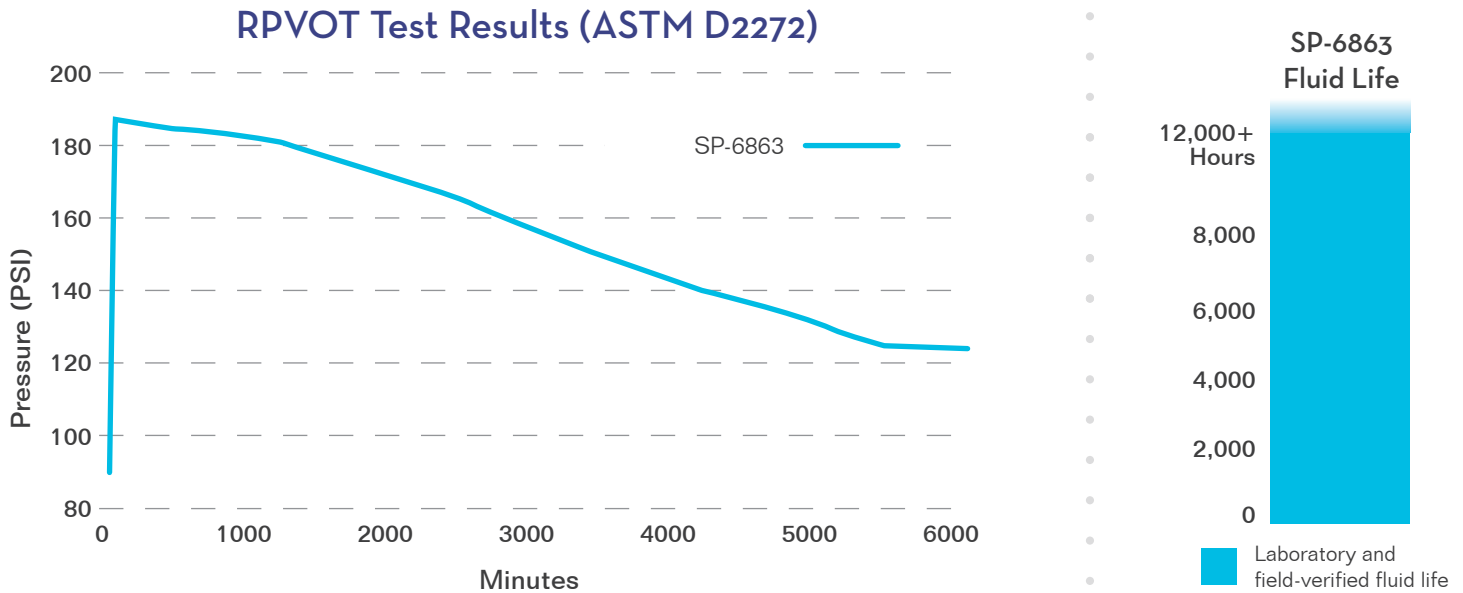
I also have a number of customers who have converted to this fluid because of its greater compatibility across the board with other fluids. A great number of compressed air users have numerous brands of compressors and different fluid-types throughout their facility. By converting them to 6863, you practically eliminate the risks of cross-contaminating incompatible fluids."

- Air Compressor Specialist

# SP-6863

## 12K Ultimate Extended Life Air Compressor Fluid

### RPVOT Test Results (ASTM D2272)



*SP-6863 is designed to provide  
12,000 hours of service*

RPVOT Test Results	SP-6863
Maximum Pressure, PSI	187.8
25.4 PSI Drop	1926 minutes
Minimum Pressure Oxidative Stabilization	124 PSI at 4000 minutes
Tan at End of Test	15.70

Resistance to oxidation is critical to assessing the useable life of lubricants. As oxidation degrades the lubricant, it reduces the fluid's ability to protect equipment against friction and wear. High quality synthetic lubricants, like SP-6863, are formulated to provide increased resistance to oxidation—maximizing fluid life and equipment protection.

Reducing, controlling and preventing oxidation in your lubricants can help:

- Maximize the service life of the lubricant
- Reduce unplanned maintenance downtime
- Provide better protection for equipment, reducing costs related to repairs and replacement

### Typical Lubricant Properties

SP-6863 Grades	32	46	68	100
Viscosity cSt @ 40°C	34	47	69	104
Viscosity cSt @ 100°C	5.4	6.8	8.7	11.7
Flash Point °F (°C)	470 (243)	478 (248)	483 (251)	490 (254)
Pour Point °F (°C)	-52 (-47)	-48 (-44)	-43 (-42)	-37 (-38)
Copper Corrosion, 24 Hr	1a	1a	1a	1a
Demulsibility, 130°F, 30 Min	40/40/0	40/40/0	40/40/0	40/40/0



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The information on SP Industrial Lubrication + Air and competitive products provided should only be used as a general guide. Product properties are typical results and should not serve as a sole resource for determining the correct product for a particular application. Please consult a SP Industrial Lubrication + Air representative to ensure that the product is the correct choice for the application. Revised 4/2020

All products manufactured in the USA