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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties are current as of December 6, 2006.

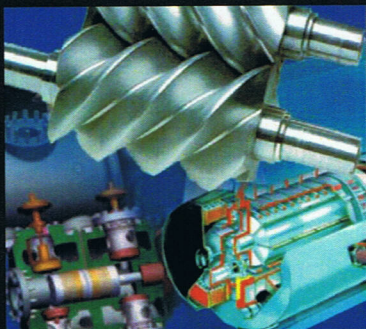
PREMIUM SYNTHETIC BLEND

PS SERIES Air Compressor

Summit PS Series premium synthetic blend lubricants are a blend of synthetic and petroleum base fluids specially designed for compressor applications and are useful in multi-purpose applications. The PS Series is manufactured using the highest quality base stocks, additive treated with rust and corrosion inhibitors, oxidation control agents, anti-wear compounds and defoamants and is exceptional at controlling sludge and deposits. Please contact your Summit representative for specific product recommendations.

Physical Properties

PRODUCTS	PS-100	PS-150	PS-200	PS-300	PS-400
ISO Grade	32	46	68	100	150
Viscosity					
@ 40°C, cSt	29.6	45.8	63.6	97.1	145.1
@ 100°C, cSt	5.12	6.68	8.31	10.97	14.31
@ 100°F, SUS	153	237	329	505	760
@ 210°F, SUS	43.4	48.6	54.2	63.7	76.7
Viscosity Index	100	97	99	97	96
Pour Point, °F	-33	-33	-27	-27	-27
(°C)	(-36)	(-36)	(-33)	(-33)	(-33)
Flash Point, °F	440	460	480	500	505
(°C)	(227)	(238)	(249)	(260)	(263)
Emulsion	40/40/0	40/40/0	40/40/0	41/39/0/	43/37/0
Tendency	(15 mins.)	(15 mins.)	(15 mins.)	(15 mins.)	(10 mins.)
Four Ball Wear	0.54	0.60	0.50	0.50	0.61
Test,					
mm1200 rpm,					
167°F, 40 kg					



Full Synthetic

- **DSL® Series**
- **Lubricant Coolant**
- **Supra® Coolant**
- **Supra®-32**
- **AU-46**
- **SH® Series**
- **Ultima & Ultima 68**
- **Food Grade Series**

Premium Synthetic Blend

- **PS Series**

Synthetic Blend

- **TM Series**

Additional Synthetic Lubricants for these Applications

Air, Gas & Refrigeration Compressors

Air Tools

Vacuum Pumps

Turbines

Blowers

Chain & Oven Conveyors

Heat Transfer Fluids

Barrier Fluids



**ISO 9001: 2000 & 14001
Registered**

Compressor Lubricants

PS Series

PREMIUM SYNTHETIC BLEND

PS Series Product Benefits

- Made from premium synthetic and hydrotreated petroleum base fluids
- Available in ISO viscosity grades of 32, 46, 68, 100 & 150
- Comparable to many OEM lubricants
- Excellent water demulsibility
- Enhanced oxidative stability
- Excellent low temperature flow characteristics
- Excellent high temperature stability
- Provides anti-rust and anti-corrosion protection

PS Series Products are recommended for use in the following applications:

- Reciprocating compressors (PS-200, 300 and 400)
- Rotary screw compressors (PS-100, 150, and 200)
- Ball and roller element bearings (PS-100, 150 and 200)
- Rotary vane compressors (PS-200, 300 and 400)
- Rotary vacuum pump lubrication

Materials Compatibility

Neoprene, Viton, Buna-N, Buna-N24, Buna-N19, Epoxy Paint, Compounded Urethane, Nylon, Teflon, Plastisol, PVC, Acrylic Paint, Lacquer and most commonly used software materials.

Summit Industrial Products is recognized as an industry leader in lubricating technology. Summit is a subsidiary of Klüber Lubrication, one of the world's leading manufacturers of specialized high performance greases, oils, pastes and coatings.

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