

## SYNCOMP D-100

### SYNTHETIC (DIESTER) RECIPROCATING AIR COMPRESSOR LUBRICANT

**SYN-COMP D-100** synthetic lubricant is unique combination of quality diester base stocks and the latest additive technology. **SYN-COMP D-100** designed for use in the crankcase and as a cylinder lubricant. They are compatible with almost all elastomers used in compressors and pumps, including paint used in crankcases.

**SYN-COMP D-100** is recommended for use in the following:

- Reciprocating compressors
- Rotary vane compressors
- Ball and roller bearings
- Low temperature lubrication
- High temperature lubrication
- General lubrication for applications requiring an ISO 100 lubricant

#### PRODUCT FEATURES:

- Better thermal conductivity-reduces operating temperature
- Reduced friction – approximately 20% lower coefficient of friction.
- High temperature thermal stability will not disassociate under thermal stress.
- Greater resistance to mechanical stress will not shear under heavy loads or extreme stress.
- Reduced metal-to-metal wear-polar properties provided better metal wetting
- Better demulsibility characteristics-moisture separates readily, providing better rust and corrosion protection.
- More energy efficiency
- Available in 1 gallon containers, 5 gallon pail or 55 gallon drum

**SYN-COMP D-100** is a REPLACEMENT/generic alternative to brands such as: **Gardner Denver Aeon 5000®**, **Kaeser S-100®** and **Ingersoll Rand XL-700®**. (® Trademarks)

#### PHYSICAL PROPERTIES:

Property	Test Method	SYN COMP D-100
ISO Grade	ASTM D2422	100
Viscosity @ 40° C, cSt	ASTM D445	97.0
Viscosity @ 100° C, cSt	ASTM D445	10.8
Viscosity Index	ASTM D2270	94
Flash Point, ° C / ° F	ASTM D92	257 / 495
Pour Point, ° C / ° F	ASTM D97	-30 / -34
Auto-ignition, ° C / ° F	ASTM D2272	416 / 780
Specific Gravity	ASTM D1298	0.961
Density lbs. /gal	ASTM D1298	8.008
Copper Corrosion	ASTM D130	1A

#### Petrochem, Inc.

6N999 Whispering Trail Road, St. Charles, IL 60175

Phone (630) 513-6350 Fax (630) 513-8324

Web [www.petrochem1.com](http://www.petrochem1.com)

Email [info@petrochem1.com](mailto:info@petrochem1.com)



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**Member of the American Baking Society**

**HANDLING PRACTICES:**

For information on the safe handling and use of this product, refer to the Safety Data Sheet.  
For more information and availability, call (630) 513-6350.