



## PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road · Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax  
www.weberoil.com

# Gibraltar HP Syn-Comp Series

## PAO Synthetic Compressor Lubricants

**Gibraltar HP Syn-Comp Series** of lubricants are manufactured from the highest quality PAO (polyalphaolefin) base stocks and advanced additive technology. They are recommended for rotary screw, centrifugal and reciprocating compressors and offer many advantages over petroleum-based lubricants.

**Gibraltar HP Syn-Comp Series** utilize synthetic hydrocarbons to ensure protection under extreme conditions such as high heat and long hours of service. These fluids have excellent seal and paint compatibility, have low pour points, high viscosity indexes and excellent water demulsibility. They are also recommended for many gear and bearing applications requiring the use of a synthetic gear oil.

**Gibraltar HP Syn-Comp Series** lubricants provide the following benefits:

- High VI PAO synthetic base oil
- Long service life
- Excellent high temp capabilities
- Low pour points for quick circulation
- Outstanding water shedding properties



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### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Rotary, screw, reciprocating compressors  
Gearboxes

Bearings  
R&O applications

#### TYPICAL PROPERTIES

ISO VISCOSITY GRADE	32	46	55	68	100	150	220	320	460	680
Viscosity, cSt, @ 40 °C	31.6	46.0	55.7	67.3	99.1	149.1	231.7	340.9	480.2	728
@ 100 °C	14.4	7.8	8.9	10.9	5.8	19.8	27.6	37.2	48.3	67.5
Viscosity Index	150	138	132	153	126	153	154	157	160	166
Flash Point, COC, °C, min.	250	255	255	255	245	240	245	250	24	250
Pour Point, max.	-60	-40	-40	-45	-45	-45	-45	-40	-35	-35
Foam Tendency:										
Seq I	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Seq II	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Seq III	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A