



PRODUCT DATA SHEET



COMPRESSOR & VACUUM PUMP OIL

Compressor & Vacuum Pump Oil, commonly known as Bel-Ray Compuvac Oil, is a high performance mineral base, industrial oil for reciprocating compressors and vacuum pumps. It's formulated with superior anti-wear properties ensuring long component life, rust and corrosion inhibitors for additional component protection, and antioxidants to extend the lubricant's useful service life. Dispersants utilized in **Compressor & Vacuum Pump Oil** control deposit formation, optimizing compressor and pump performance. It is available in ISO Viscosity Grades 68, 100, 150 and 220, the four most commonly recommended grades for reciprocating compressors and vacuum pumps.

Applications

- ◆ Centrifugal and reciprocating compressors
- ◆ Vacuum pumps, compressed air dryers, oil/water separators

Features and Benefits

- | | |
|--------------------------------|--|
| ◆ Ashless oxidation inhibitors | Controls deposits and extends the oil's service life. |
| ◆ Outstanding lubricity | Reduced friction for optimal cylinder performance. |
| ◆ Anti-wear protection | Reduces friction and wear for extended component life. |
| ◆ Good water demulsibility | Low emulsion formation. |
| ◆ USDA H2 rated | Acceptable in food plants where there is no possibility of food contact. |

General Description

Compressor & Vacuum Pump Oil is specifically formulated to provide extended periods of trouble-free operation in all types of vacuum pumps and reciprocating compressors.

Compressor & Vacuum Pump Oil is made from highly refined high Viscosity Index base oils. **Compressor & Vacuum Pump Oil** is fortified with an effective chemical system that prevents gumming, sludge formation and varnish deposits on valves and other working parts of compressors. **Compressor & Vacuum Pump Oil** is also exhibits excellent water demulsibility, foam inhibition and corrosion resistant properties.

For lubrication of rotary type compressors, **Bel-Ray Anti-Wear Lubricant Series** is preferred.

Product No. 57420, 57440, 57460, 57480

Page 1 of 2

With continual research and development, Bel-Ray Company reserves the right to change the information contained herein. The Company is not responsible for misuse or misapplication of its products.

2/27/2015

COMPRESSOR & VACUUM PUMP OIL

TYPICAL PROPERTIES

<u>Product No.</u>	<u>57420</u>	<u>57440</u>	<u>57460</u>	<u>57480</u>
ISO Viscosity Grade	68	100	150	220
SAE Engine Oil Grade	20	30	40	50
AGMA Number	2	3	4	5
Viscosity, ASTM D445				
@ 40°C, cSt	64.4	95.8	146	215
@ 100°C, cSt	8.32	10.8	14.3	18.4
Viscosity, ASTM D2161				
@ 100°F, SUS	334	500	767	1138
@ 210°F, SUS	54.2	63.2	76.9	94.2
Viscosity Index, ASTM D2270	97	96	95	95
Pour Point, ASTM D97				
°C	-23	-21	-18	-15
(°F)	(-10)	(-5)	(0)	(5)
Copper Corrosion, ASTM D130				
3 hrs @ 100°C, rating	1a	1a	1a	1a
Rust Test, ASTM D665, Procedure A	Pass	Pass	Pass	Pass
Oxidation Lifetime, ASTM D943, hrs	>2500	>2500	>2500	>2500
Flash Point, ASTM D92				
°C	241	260	277	285
(°F)	(465)	(500)	(530)	(545)
Color	Amber	Amber	Amber	Amber