

## Compressor Oils

### Air Compressor Lubricants

#### Description

Nemco Compressor Oils were developed to handle the higher speeds and temperatures of modern single and multi-stage air compressors in industrial service. They are available in a range of oil viscosities to cover a majority of air compressor types and oil requirements. Nemco Compressor Oils are suitable for use in compressors that handle air, and inert gases such as nitrogen, argon, hydrogen, neon, helium, carbon dioxide, carbon monoxide, and blast furnace gas.

These oils are formulated with premium grade mineral base stocks of a narrow distillation range. Nemco Compressor Oil contains selected additives to enhance lubricity, anti-wear properties and rust and oxidation inhibitors for cylinder and crankcase lubrication. These oils are recommended for units that have excessive oil degradation problems. Nemco Compressor Oils will minimize valve carbon deposits and crankcase sludge deposits and can be used for all other compressors where nonsynthetic, anti-wear, anti-rust, anti-foaming and anti-oxidation functions are required.

#### Applications

- Reciprocating compressors
- Centrifugal compressors
- Screw (helical lobe) compressors
- Rotary lobe compressors
- NOT recommended for use in breathing air apparatus and medical equipment, and do NOT use in any equipment compressing pure oxygen.

#### Recommended/Suitable for

- DIN 51524 PART 2
- ISO 6743 Part 4 HM
- SEB 181 222
- Thyssen TH-N 256-142
- U.S. Steel 127
- Müller Weingarten Press - Hydraulic Oils DTS 55005/13 and 55005/16 (Compressor Oil 46)
- Morgan No-Twist Rod Mill Lubricant

#### Typical Characteristics - Compressor Oils

Properties	Method	Performance			
ISO Viscosity Grade	-	32	46	68	100
AGMA No. (non-EP)	-	n/a	1	2	3
Kinematic Viscosity @40°C mm <sup>2</sup> /s	ASTM D445	32.2	45.0	68.4	100.9
Kinematic Viscosity @100°C mm <sup>2</sup> /s	ASTM D445	5.33	6.63	8.53	11.39
Viscosity Index	ASTM D2270	97	98	94	99
Flash Point (COC) °C(°F)	ASTM D92	218(424)	229(444)	225(437)	249(480)
Pour Point °C(°F)	ASTM D97	-32(-26)	-30(-22)	-29(-20)	-26(-15)

*These characteristics are typical of current production, variations in these characteristics may occur.*

## Availability and product codes

Pack size	20L pail	205L drum	1,000 tote/Bulk
Compressor 32	IOORZ0034	IOORZ0061	Special Order
Compressor 46	IOORZ0035	IOORZ0062	
Compressor 68	IOORZ0036	IOORZ0063	
Compressor 100	IOORZ0037	IOORZ0064	IOORZ0110
Availability	To order, contact us toll free 855-755-6737 or at <a href="mailto:orderdesk@nemco.ca">orderdesk@nemco.ca</a>		

## Use and Storage

Compressor oil service life will depend on compressor type and air discharge temperature. Always check your service manual for proper oil selection and service life. NOT recommended for use in breathing air apparatus and medical equipment, and do NOT use in any equipment compressing pure oxygen.

## Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at [nemco.ca](http://nemco.ca) under Safety Data Sheets. For SDS in French, please contact [info@nemco.ca](mailto:info@nemco.ca). These products are not WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

## Quality

Nemco Resources Ltd works with respected industry suppliers for lubricant additives and base oils. Nemco is a member of ILMA and the manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your Technical Sales Representative.