

# COMPRESSORPLUS SERIES



## Product Description

The COMPRESSORPLUS is a line of supreme performance oils primarily intended for the lubrication of severe duty rotary screw and vane air compressors. They are formulated with design-specific wax-free hydrocarbon fluids and a high technology additive system that assures exceptional resistance to oxidation and thermal degradation. They provide outstanding equipment protection. Their unique formulation provides the ability to reduce maintenance costs through minimizing equipment problems and downstream deposits and carryover. Their high viscosity index ensures effective lubrication at high temperatures. They exhibit a virtual absence of deposit formation and high auto generous ignition temperatures improving both performance and safety. Their exceptional water separating characteristics reduce problems with emulsion formation coalescers and filters reducing the need for frequent maintenance.

## Applications

- Primarily recommended for rotary screw and vane air compressor.
- Very effective in screw type compressors with oil injection cooling.
- Units operating under severe conditions.
- Compressor systems with critical gears and bearings.
- Compressors used in stationary and mobile applications.

## Benefits

- The use of the COMPRESSORPLUS oils can result in cleaner compressors and lower deposits, resulting in longer running periods between maintenance interval.
- Their excellent oxidation and thermal stability safely allow extended life capability while controlling sludge and deposit formation.
- They possess outstanding anti-wear and corrosion protection, which enhances equipment life and performance.

## Performance Standard

- DIN.51524 PART II, US Steel 127

## Typical Properties

PROPERTIES	TEST METHOD	32	46	68	100	150	220
Specific Gravity @ 29°C	ASTM D 1298	0.846	0.849	0.856	0.889	0.882	0.870
Kinematic Viscosity cSt @ 40° C	ASTM D 445	29-35	42-50	62-74	90-110	135-165	198-242
Kinematic Viscosity cSt @ 100° C	ASTM D 445	5.7	7.2	10.1	11.5	14.6	18.72
Viscosity Index, (min)	ASTM D 2270	130	130	130	130	130	130
Copper Strip Corrosion for 24 h @ 100° C	ASTM D 130	1B	2A	1B	1B	1B	1B
Rust Characteristics Proc A	ASTM D 665	Pass	Pass	Pass	Pass	Pass	Pass
Pour Point, °C (max)	ASTM D 97	-24	-22	-24	-24	-20	-6
Flash Point, °C	ASTM D 92	245	246	246	250	260	240

**Available Packs: 20, 50 and 210 Litres**

**Shelf Life – 36 Months from the Manufacturing month.**

\* All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product** COMPRESSOR OIL  
**Supplier** PETRELPLUS INC.  
One World Center, Tower One, 9<sup>th</sup> Floor, Senapati Bapat Marg, Lower Parel, Mumbai-400013, Maharashtra.  
Call # +91 22 6216 7072  
(Monday to Friday)  
Cell # +91 93522 25457  
[marketing@petrelplus.com](mailto:marketing@petrelplus.com)  
[www.petrelplus.com](http://www.petrelplus.com)

## 2. COMPOSITION

High Performance base oils and superior additives.

## 3. HAZARDS IDENTIFICATION

### HEALTH

Eye contact -May cause mild irritation to the eyes upon direct contact.  
Skin contact -Prolonged contact may defat the skin or can cause dermatitis.  
Inhalation -hazards.  
Ingestion -Harmful if swallowed.

## 4. FIRST-AID MEASURES

Inhalation -Remove person to fresh air. Seek medical help if discomfort persists.  
Ingestion -Do not induce vomiting. Seek medical support.  
Skin Contact -Immediately flush skin with plenty of water for at least 15 minutes.  
Eye Contact -Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

## 5. FIRE-FIGHTING METHODS

Extinguishing media -Use dry chemical powder or carbon di – oxide or foam.  
Special protective equipment -Positive pressure self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURE

Personal protection - Adequate ventilation, gloves, goggles, overalls and boots.  
Environmental precautions - Avoid entry into water courses.  
Clean up method - Absorb on inert material.

## 7. STORAGE AND HANDLING

Handling - Impervious gloves & eye protection ensure good ventilation. Keep away from source of ignition.  
Storage - Store in a cool & dry place.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection - Not required under normal conditions.  
Skin/hand protection - Impervious gloves, overalls, and boots.  
Eye protection - Use Goggles

## 9. TYPICAL PROPERTIES

Viscosity @ 40<sup>o</sup>C - 32 TO 220  
Flash Point, <sup>o</sup>C - 240 TO 260  
Copper Corrosion Test - Passes  
Viscosity Index - 130

## 10. STABILITY AND REACTIVITY

Stability - Stable  
Conditions to avoid - Excessive temperatures  
Materials to avoid - Strong oxidizers  
Hazardous decomposition products - Oxides of carbon and nitrogen

**11. TOXICOLOGICAL INFORMATION**

Skin contact	- Possible irritation
Eye contact	- Possible irritation
Inhalation	- Not applicable
Ingestion	- Irritation. May cause lung damage.
Long term effect	- Not known

**12. ECOLOGICAL INFORMATION**

Mobility	- Mobile
Degradation	- Low
Accumulation	-Not expected
Short- & Long-Term effect	- Water pollutant

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to local and national regulations.

**14. TRANSPORT INFORMATION**

CPL	- Not applicable
IMO	-Not applicable

**15. REGULATORY INFORMATION**

Symbol(s)	-Not applicable
Phrase(s)	- Not applicable
Phrase(s)	- Not applicable

**16. OTHER INFORMATION: PRODUCT SAFETY**

For safety reasons, it is IMPERATIVE that customer: -Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.