



## COMPRESSOR SYNTHETIC

Multipurpose oil for use in screw or vane compressors, formulated with synthetic bases of the highest quality and a package of additives that offer a long life to machines and equipment, protecting them against the formation of sludge and varnish even at high working temperatures. .

### USES

Synthetic compressor was designed for most compressors, especially rotary vane and screw, portable and stationary compressors, as well as multi-stage reciprocating compressors. ISO 32 and ISO 68 grades are those most often used for rotary compressors, while higher viscosity grades such as ISO 100 are preferred for alternative units. Since reciprocating compressors require both a crankcase lubricant and a cylinder lubricant, Compressor Synthetic is formulated to meet this dual requirement. Additionally, the formulation technology incorporated into these compressor fluids has been used successfully in reciprocating and rotary screw compressors.

Do not use in high pressure systems in the vicinity of flames, sparks or hot surfaces. Use only in well ventilated areas. Do not use in air breathing equipment or medical equipment.

### PROPERTIES

- Protection against the formation of rust and corrosion, such as ferric oxides and hydroxides that are formed in the compressor due to the oxidation formed by high temperatures and working pressures. Resistant against degradation due to oxidation. This product resists the formation of carbonaceous deposits and lacquer.
- It has a high viscosity index.
- It has excellent thermal stability, a low pour point and excellent hydrolytic stability.
- It has a good demulsibility factor, separating quickly from the water; allowing it to be drained from the circulation system; preventing accelerated corrosion and reduced lubrication efficiency.
- Recommended to meet the requirements of modern compressors with higher performance and efficiency.
- Compatible with paints, stamps, plastics and other types of construction materials.
- High flash points, spontaneous flammability and self-ignition temperatures reduce the risks of fires and explosions, improving the safety of the compressor.

### APPROVAL

Meets DIN 51506 VDL specifications, recommended for Gardner-Denver, Atlas Copco, Ingersoll, Rand, Quincy and Sullair compressor models.

### HEALTH AND SAFETY

This product does not present a health or safety risk as long as good personal and industrial hygiene practices are maintained. In case of contact with the skin, wash immediately with soap and water.

Do not pour used oil down drains or gutters. Dispose of waste responsibly. For more information, request the Safety Data Sheet.



## TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES			
ISO grade			32	46	68	100
Relative Density @ 15 ° C	Kg/L	ASTM D-4052	0.836	0.841	0.846	0.852
Kinematic Viscosity @ 40°C	cSt	ASTM D-445	32	46	68	100
Kinematic Viscosity @ 100°C	cSt	ASTM D-445	6.1	8.2	10.4	14
Viscosity index		ASTM D-2270	141	141	140	142
Flashpoint	°C	ASTM D-92	200 Min.	200 Min.	200 Min.	200 Min.
Pour point	°C	ASTM D-97	-36 Max	-36 Max	-36 Max	-36 Max
Color		ASTM D-1500	2	2	2	2

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product, or the performance.

## AVAILABLE SIZES

### COMPRESSOR SYNTHETIC

5 gallon bucket  
55 gal cylinder