

## **COMPROL DE**

COMPROL DE is a synthetic diester-based, oxidation resistant compressor oil.

### **APPLICATIONS :**

COMPROL DE can be used in portable and stationary rotary screw, rotary vane, and reciprocating compressors. While specific manufacturer recommendations vary, the ISO 68 grade is most commonly used for rotary compressors, while higher viscosity grades are preferred for reciprocating units.

COMPROL DE can be used in compressors with the following gases: process air, benzene, butadiene, carbon dioxide (dry), carbon monoxide, ethylene, furnace (crack) gas, helium, hydrocarbon gases, hydrogen, inert gases, methane, natural gas, nitrogen, propane, sulfur hexafluoride, and synthesis gas. They can also be used in contact with the following seals, paints, and plastics: Viton®1, High nitrile Buna N, Teflon®2, Epoxy paint, Oil-resistant alkyd, Nylon, Delrin®3, Celcon®4.

These oils should not be used with: Neoprene, SBR rubber, Low nitrile Buna N, Acrylic paint, Lacquer, Polystyrene, PVC, ABS. Do not use in breathing air apparatus or medical equipment.

### **ADVANTAGES :**

- low sludge-forming tendency
- high solvency for deposits that help to keep compressor parts clean.
- reduced oil consumption and oil carry-over, reducing running costs.
- reduced varnish, sludge, and deposits
- increased deposit-free valve life translating to reduced compressor maintenance and energy costs.

COMPROL DE also provides a greater margin of safety than conventional petroleum products because their flash points, fire points, and auto ignition temperatures are much higher. They are not, however, true fire resistant fluids.

### **TYPICAL CHARACTERISTICS :**

<i>Test</i>	<i>Method</i>	<i>Unit</i>	<i>Average result</i>
ISO-grade			100
Density at 15°C	D 4052	kg / l	0.962
Viscosity at 40°C	D 445	mm/s <sup>2</sup>	96.6
Viscosity at 100°C	D 445	mm/s <sup>2</sup>	10.2
Viscositeitsindex	D 2270		84
Pour point	D 6892	°C	-35
Flash point COC	D 92	°C	252

*We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.*