

FRAGOL COMP P 150

FRAGOL COMP P 150 is a synthetic ISO VG 150 high performance compressor lubricant based on a mixture of poly-alpha-olefins (PAO) which utilises latest available additive technology providing outstanding resistance to oxidation and thermal degradation required in rotary-vane and piston compressors.

FRAGOL COMP P 150 is formulated to meet or exceed common OEM requirements and can be used in combination with inert / non-reactive process gases and fumes, e.g.: hydrogen, helium, carbon monoxide, carbon dioxide (dry), natural gas (methane), propane, butane, furnace (crack) gas, ethylene, butadiene, benzene.

Note that contact should be avoided with gases containing reactive and acidic components, e.g.: Hydrogen Halides (HF, HBr, HCl), Sulphur Oxides (SO₂, SO₃), Nitrogen Oxides (NO_x) and other acid gases such as H₂S. Contact our technical team for alternative solutions for such applications. Under certain operating conditions the oil might turn red in colour. This has no influence on the product quality.

APPLICATIONS

- Vane and reciprocating compressors
- Vacuum pumps providing low to medium vacuum

BENEFITS

- Excellent oxidation stability
- Outstanding thermal resistance
- Good water separation and air release
- High wear protection
- Extended drain intervals
- No deposit/lacquer formation
- Reduced power consumption

TYPICAL CHARACTERISTICS

FRAGOL COMP P 150	Value	Unit	Method
Temperature range	-20 to 150	°C	-
Appearance	clear, yellow liquid	-	visual
Viscosity @ 40 °C	154.2	mm ² /s	ASTM D-445
Viscosity @ 100 °C	20.96	mm ² /s	ASTM D-445
VI	160	-	ASTM D-2270
Density @ 15.6 °C	0.8603	kg/l	ASTM D-1298
Total acid number	0.5	mg KOH/g	ASTM D-664
Flash point (COC)	280	°C	ASTM D-92
Pour point	-45	°C	ASTM D-97
Copper corrosion	1a	-	ASTM D-130
Steel corrosion	Pass	-	ASTM D-665 B
Demulsibility @ 82 °C	12	min.	ASTM D-1401
FBW @ 40kg/1Hr/75 °C/1200rpm	0.44	mm	ASTM D-4172

SPECIFICATIONS

FRAGOL COMP P 150 meets or exceeds the requirements of the following specifications:

DIN 51506:2017-08 VDL

ISO-L-DAB / DAJ / DVA / DVC (according to ISO 6743-3)

COMPATIBILITY

FRAGOL COMP P 150 is based on synthetic hydrocarbons and has characteristics very similar to mineral oils with regard to its compatibility with seals, gaskets, hoses and paints. There are no special requirements when replacing mineral oil or other PAO-based lubricants. Flushing is recommended to remove remaining residues.