

Synthetic Compressor Oils - Press XC

Description :

Divyol Press XC synthetic compressor oils are supreme performance advanced synthetic air compressor lubricant primarily intended for the lubrication of severe duty Rotary screw and Vane air compressors. It is particularly suited for severe applications subjected to oil flooded/oil injected, single or two-stage compressors, operating at pressures of in excess of 25 bar and with air discharge temperatures of over 100°C and potential to deliver oil maintenance intervals of up to 12,000 hours. It is also suitable to cover applications where a synthetic bearing & circulating oil or R&O oil (ISO VG 46) is required and will provide benefits due to increased resistance to deposit formation, improved low temperature fluidity, and lowering equipment operating temperatures.

Application :

Divyol Press XC Synth Comp Oils are primarily recommended for rotary screw and vane air compressor, very effective in screw type compressors with oil injection cooling and Compressors operating under severe conditions, particularly effective for continuous high temperature operation with discharge temperatures up to 200°C.

Performance Benefits : Meets

- Outstanding thermal / oxidation stability.
- Exceptional resistance to rusting and corrosion, very good anti-wear, demulsibility, foam control and air release and multi-metal compatibility.
- Excellent water separability & reduce sludge formation in crankcases and discharge lines & reduce sludge formation in crankcases and discharge lines.
- Resist formation of deposits on rotating components in screw compressors and in sliding vane slots.
- Provide rapid air release without excessive foaming & oil top-up requirements.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Press XC 46	Press XC 68
1	Kinematic viscosity @ 40°C, cSt	ASTM D 445	44 - 48	66 - 70
2	Kinematic viscosity @ 40°C, cSt	ASTM D 445	7.7 - 8.5	9.7 - 10.5
3	Viscosity index	ASTM D 2270	140	135
4	Flash point, COC, °C	ASTM D 92	240	240
5	Pour point, °C	ASTM D 97	Minus 40	Minus 36
6	Water Separability, MINS	ASTM D 1401	10	10
7	Copper Strip Corrosion @100°C for 3 hrs.	ASTM D 4048	1B	1B
8	FZG RIG Test, Failure Load Stage	IP 334	>12	>12