

VAPRO COMPO R 68

ROTARY AIR COMPRESSOR OIL

DESCRIPTION

VAPRO COMPO R 68 is a high quality detergent based air compressor oil designed to deliver reliable lubrication of rotary sliding vane and screw air compressors. It uses a well established detergent containing additive system to provide good protection and performance for compressors running at up to 15 bar and 100°C discharge temperatures with oil maintenance intervals of up to 3950 hours.

APPLICATION

- Rotary sliding vane air compressors.
- Suitable for oil flooded or oil injected vane type air compressors.
- Screw air compressors.
- Suitable for oil flooded or oil injected air compressors, operating at up to 15 bar and 100°C air discharge temperatures.
- Machines running in mobile equipment, e.g. construction sites, railways, particularly in severe environments.
- Rotary vacuum pumps and Sliding vane vacuum pumps.

PERFORMANCE FEATURES AND BENEFITS

Performance features and benefits

Outstanding wear protection.

- **VAPRO COMPO R 68** helps provide effective protection of internal metal surfaces from corrosion and wear.
- It contains a well proven anti-wear system to help prolong the life of critical parts such as bearings and gears.

Maintaining system efficiency

- **VAPRO COMPO R 68** provides air release and prevention of foaming are critical performance characteristics in a compressor oil, ensuring reliable start-up and continuous compressed air availability.
- **VAPRO COMPO R 68** is designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions.
- **VAPRO COMPO R 68** allows the separation of water-oil emulsions from the air stream in oil/air separators and dryer units.

Long oil life-Maintenance

- **VAPRO COMPO R 68** is capable of providing oil maintenance intervals of up to 4000 hours (where allowed by manufacturers) even when operating at maximum discharge temperatures of up to 100°C.
- Resist formation of carbon deposits in sliding vane slots in vane compressors.
- Resist formation of deposits on rotating components in screw compressors.
- Maintain excellent internal surface cleanliness particularly in oil/air separator and coalesce systems.

SPECIFICATIONS AND APPROVALS

- Fives Cincinnati P-38, P-55, P-54 and P-57
- General Electric GEK 32568, GEK 107395, GEK 46506
- Siemens TLV 9013 04
- Alstom HTGD 90 117
- DIN 51524-1; 51515-1
- Parker Denison HF-0 Bench Tests
- AIST 125
- ISO 8068
- AGMA 9005 E02-RO

TYPICAL PHYSICAL CHARACTERISTICS

VAPRO COMPO R	Method	68
Density @ 15°C kg/l	ASTM D 1298	0.875
Kinematic viscosity @ 40°C cSt @ 100°C cSt	ASTM D 445	68 10.5
Viscosity Index	ASTM D 2270	142
Flash Point °C	ASTM D 92	225
Pour Point °C	ASTM D 97	-36
Sulphated Ash, % wt	ASTM D 874	0.43

These characteristics are typical of current production. Whilst future production will conform to Vapro's specification, variations in these characteristics may occur.