

PETRO CASTILLA S 32

Rotary sliding vane and screw air compressor oil

Petro Castilla S 32 are premium quality oils developed for the lubrication of rotary sliding vane and screw air compressors. They are based on specially selected base fluids and carefully selected additives.

Applications :

- Rotary sliding vane and screw type air compressors (oil flooded or oil injected, male or female, single or two-stage configurations)

Performance Features :

- Outstanding overall performance
Petro Castilla S are designed to provide effective, reliable and safe lubrication for extended service periods
- Extended service intervals
Compressor can be kept in service for much longer periods operating at a consistently high level of efficiency
- Excellent oxidation resistance
Resistant to the formation of deposits of carbon and lacquer on valves and piston crowns, caused by the by-products of corrosion, such as ferric oxides and hydroxides, at high working temperatures and pressures. Such deposits can cause serious damage, lower compressors efficiency and increase maintenance costs
- Excellent corrosion inhibition
Effectively protects and prolongs the service life of working components
- Safe air lines
In discharge air-lines, the combination of rust particles, dispersed in carbonaceous deposits, coupled with heat from recently compressed air, can cause an exothermic reaction from which fire and explosion can occur. Petro Castilla help to prevent this danger arising.
- Good air release properties
Serve to avoid cavitation and maximize compressibility.
- Low foaming
Careful use of additives ensure quick air release without excessive foaming.

Oil Drain Periods

For many years, it has been accepted that the usual oil drain period for rotary vane and screw compressors is 2000 hours, and that operating temperature has a fundamental effect upon the rate of oil degradation through oxidation.

The use of Petro Castilla S, incorporating the latest technology, will allow the oil drain period to be extended to 2000 hours, even when operating at a continuous maximum discharge air temperature of 100°C.

Internal Cleanliness

Coupled with the oil's long life capability is its ability to maintain excellent internal surface cleanliness in service. This is particularly relevant to the function and operation of the separator/coalescer.

Seal Compatibility

Petro Castilla S are compatible with all sealing materials used in air compressors

Miscibility

Petro Castilla S are completely miscible with other mineral oils, and may be mixed in any proportion with other petro mineral air compressor oils.

Health & Safety

Petro Castilla S are unlikely to present any significant health or safety hazard when properly use in the recommended application, and good standards of industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on product Health & Safety refer to the appropriate Petro Product Safety Data Sheet.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Advice

Advice on applications not covered in this leaflet may be obtained from your Petro Representative.

Petro Castilla S	S32
ISO Viscosity Grade	32
Kinematic Viscosity @ 100°C, cSt	32
Viscosity Index	101
Density @ 15 °C, kg/l (IP 365)	0.871
Flash Point, °C (PMCC)	204
Pour Point, °C	-30

