

DETOS-DEC-RSB

Technical Data Sheet

Rotary (Screw) Air Compressor Oils (Synthetic Blend)

Product Description: DETOS-DEC-RSB is an ultra-premium quality air compressor oil, specially formulated to fulfill the lubrication requirements of sliding vane and screw air compressors. It is manufactured using a carefully selected GTL technology base oil and advance additive packages that provide outstanding equipment protection as well as extend equipment and lubricant life.



Attributes & Performance Benefits:

- **Longer Oil Drain Intervals:** DETOS-DEC-RSB is capable of providing longer oil drain intervals even under high temperature and pressures conditions. This unique synthetic blend provides extra protection to equipment components with longer service life while lowering maintenance cost.
- **High Carbon Deposit Resistance:** DETOS-DEC-RSB is a highly stable synthetic blend that provides exceptional resistance against carbon deposits on rotating components of screw compressors and sliding vane slots in vane compressors.
- **Outstanding Thermal and Oxidation Stability:** DETOS-DEC-RSB is designed and formulated to provide extra thermal and oxidation stability which helps keep the equipment components clean by reducing the thermal and chemical breakdowns and deposits formation.
- **Excellent Wear Protection:** DETOS-DEC-RSB with its premium quality anti-wear additive package helps to prolong the life of critical components like bearings and gears by providing outstanding wear protection and helps to reduce corrosion of internal metal surfaces.
- **Foaming Resistance:** DETOS-DEC-RSB delivers extraordinary resistance against foaming due to its rapid air releasing ability and provides excellent water separation even under humid environments.

Typical Physical Characteristics:

Properties	Method	Units	DETOS-DEC-RSB
ISO Viscosity Grade			46
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	46
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	7.78
Specific Gravity @ 85°F	ASTM D4052	Kg/m ³	819.3
Viscosity Index	ASTM D2270		138
Flash Point (COC)	ASTM D92	°C	238
Pour Point	ASTM D97	°C	-34



Applications:

- Screw air compressors.
- Rotary sliding vane air compressors.



Performance Standards:

DETOS-DEC-RSB meets and exceeds the following specifications:

- ISO 6743-3A



Health, Safety & Environment:

- Guidelines for health, safety and handling are available in the Material Safety Data Sheet of the product which can be obtained from our official representative.
- Dispose of used oil at an authorized collection point. Do not discharge into drains, soil or water.