

DETOS-DEC-P

Reciprocating (Piston) Air Compressor Oils

Product Description: DETOS-DEC-P is a high quality reciprocating (piston) air compressor oil. It is designed to meet the lubrication challenges of high pressure reciprocating air compressors performing under severe operational conditions. It is formulated using explicitly selected mineral base oil and additive packages to provide advanced equipment protection and extended oil life.



Attributes & Performance Benefits:

- **System Efficiency:** DETOS-DEC-P is specially designed to protect against carbon and lacquer formation on piston crowns and compressor valves during high stress operations which may reduce the equipment efficiency and cause serious damage.
- **Wear Protection:** DETOS-DEC-P helps to prolong the life of critical components such as pistons and bearings by providing outstanding wear protection and helps to reduce corrosion of internal metal surfaces.
- **Extended Oil Drain Intervals:** DETOS-DEC-P provides extended oil drain intervals and reduces the total cost of operations by effectively resisting carbon and lacquer formation on valves and pistons during operation, effectively maintaining equipment in service for a longer time with high efficiency.
- **Oxidation & Thermal Stability:** DETOS-DEC-P provides excellent oxidation and thermal stability which helps to resist oil breakdown during high discharge temperature and pressure.
- **Good Air Release and Anti Foaming:** DETOS-DEC-P contains superior air release and anti-foaming properties which reduce the risk of overflow in tanks and reservoirs. It also protects against disturbance of lubrication due to entered air.

Typical Physical Characteristics:

Properties	Method	Units	DETOS-DEC-P	DETOS-DEC-P
ISO Viscosity Grade			100	150
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	100	150
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	11.3	14.9
Specific Gravity @ 85°F	ASTM D4052	Kg/m ³	883.5	883.5
Viscosity Index	ASTM D2270		99	99
Flash Point (COC)	ASTM D92	°C	245	250
Pour Point	ASTM D97	°C	-21	-18



Applications:

- Suitable for industrial reciprocating air compressors operating with air discharge temperature of up to 220°C.
- Stationary, semi portable or portable reciprocating air compressors.



Performance Standards:

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

- DIN 51506 VDL, 51352-2
- NF-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.