

PRODUCT BULLETIN

Synthetic Air Compressor Oil

Product # 543, 549, 553

CAM2 Synthetic Air Compressor Oils are a blend of high viscosity index synthetic base oils and robust R&O additives with effective anti-wear friction modifiers which provide superior protection in a wide range of sub-arctic and temperate climates in rotary vane, rotary screw, and reciprocating air compressors, pumps, vacuums, and blowers. The use of synthetic base stocks provides long-life protection of critical parts for approx. 5,000 hours. Extreme cleanliness, meets ISO 16/14/11, allows for use in high performance systems.

CAM2 Synthetic Air Compressor Oil has a unique formula delivering improved compressor efficiency, which results in less energy consumption, downtime, reduced labor, and material cost. Superior oxidation stability prevents formation of sludge and varnish that clogs lines and reduces system efficiency while also being compatible with all common elastomer's used in compressor seals.

CAM2 Synthetic Air Compressor Oil also can be used for traditional in-plant hydraulic applications, and exceeds most industry hydraulic fluid specifications, including: Denison HF-2, HF-0 Commercial Shearing, Vickers, Sunstrand, Rexnord, and Cincinnati Milacron.

FEATURES

- Excellent rust protection
- Excellent stability against oxidation
- Excellent antifoam protection
- Excellent multi-temperature applications
- Excellent thermal stability
- Long-life Protection up to 5000 hours
- Compatible with seal materials specified for use with mineral oils
- Miscible with mineral oils, although dilution with mineral lubricants will markedly reduce its performance

APPLICATIONS

CAM2 Synthetic Air Compressor Oils are formulated to provide outstanding lubricating qualities for air compressors, especially portable and stationary rotary, vane, and screw compressors.

Do not use in breathing air apparatus or medical equipment.

CAM2 Synthetic Air Compressor Oil is generally designed for applications with wider operating temperature ranges as compared to non-synthetic oils. The higher viscosity grade products are especially effective in high temperature applications, such as industrial bearings and gears that require a synthetic gear oil as well as soot blowers, where outstanding thermal and oxidative stability are required.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Improved control of sludge and varnish over other competitive brands.



Competitor's Compressor Oil



CAM2 Synthetic Air Compressor Oil



PRODUCT BULLETIN

Synthetic Air Compressor Oil

TYPICAL PROPERTIES

SAE GRADE	32	46	68
Product Code	543	549	553
Viscosity @ 40°C, cSt	31.8	46.0	68
Viscosity @ 100°C, cSt	6.4	7.68	11.0
Viscosity Index	159	151	153
Flash Point: °C	246	248	250
Pour Point: °C	-48	-45	-43
Low Temperature Pumpability	Pass	Pass	Pass
Dielectric, min. KV	+35	+35	+35
Rust Test	Pass	Pass	Pass

Results are typical characteristics, small variations may occur during future production operations.

Contact your CAM2 representative or CAM2 distributor for additional information.