

HP and LP Reciprocating Breathing Air Compressor Oil

APPLICATION

Nuvair 455 is a fully synthetic, premium quality food grade oil designed for use in high and low pressure breathing air systems. It is suitable for use in reciprocating compressors operating on up to 40% oxygen enriched air.

INDUSTRIAL APPLICATIONS

- Rotary screw compressors
- Rotary vane compressors
- Centrifugal compressors
- Reciprocating compressors
- Meat processing plants
- Poultry processing plants
- Food processing (H-1)
- Vacuum pumps

CHARACTERISTICS

- Available in quart, one-gallon and five-gallon containers
- Complies with FDA 21 CFR 178.3570 H-1
- Outstanding wear and lubricity properties
- Low pour point and high flash point
- Excellent compatibility with elastomers, seals, plastics and paints
- Good corrosion control
- Less varnish formation
- Rated by the manufacturer for use with nitrox at up to 40% O₂.*



SPECIFICATIONS

	ASTM Test Method	Nuvair 455
SAE Grade		30
ISO Grade	D2422	100
Viscosity		
@ 104°F, cSt	D445	98.7
Viscosity Index	D2270	145
Flash Point		
°F	D92	500°F
°C	D92	260°C
Pour Point		
°F	D97	-40°F
°C	D97	-40°C
Evaporation %	D972	<0.50
Foaming Sequence I, II, III	D892	<20/0
Specific Gravity	D4052	0.85

*Must be used properly and meet all conditions of use listed by Nuvair and Coltri.