



Synthetic Food-Grade Compressor Oil (CFG)



Base Oil Technology: **SYNTHETIC**

Data Sheet

AMSOIL Industrial Synthetic Food-Grade Compressor Oil is a non-detergent compressor oil designed to protect rotary screw and reciprocating air compressors against wear and carbon/varnish buildup. It is an H1 Food-Grade compressor oil for use in food-grade applications.

Product Benefits

- **Excellent** protection against wear for long compressor life
- **Economical** high performance for both rotary screw and reciprocating compressors
- **Lasts up to 6,000 hours** in rotary screw compressors
- **Inhibits** valve deposits in reciprocating compressors

Maximizes Efficiency

This oil's high-quality synthetic base oils and premium additives help reduce wear while fighting performance-robbing carbon deposits and varnish to maintain component cleanliness for excellent compressor efficiency and long life.

Applications

Use AMSOIL Industrial ISO 32, 46 and 68 Synthetic Food-Grade Compressor Oil in rotary screw air compressors that require any of the specifications listed below.

Use ISO 100 Synthetic Food-Grade Compressor Oil in reciprocating air compressors. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended.

AMSOIL Industrial Synthetic Food-Grade Compressor Oil is **not recommended** for breathing-air or refrigeration compressors and is **not compatible** with synthetic silicone or polyglycol (PAG) fluids.

SPECIFICATIONS*	ISO32	ISO46	ISO68	ISO100
H1 Food Grade	✓	✓	✓	✓
NSF Registration No. 167719		✓		
NSF Registration No. 167720				✓

Typical Technical Properties**

AMSOIL Industrial Synthetic Food-Grade Compressor Oil

Stock Code		CFG32AA	CFG46AA	CFG68AA	CFG100AA
ISO Viscosity Grade	ASTM D2422	32	46	68	100
Kinematic Viscosity @ 100°C, cSt	ASTM D445	6.3	8.4	11	14.9
Kinematic Viscosity @ 40°C, cSt	ASTM D445	33.1	46.8	65.1	91.9
Viscosity Index	ASTM D2270	144	156	164	170
Color	ASTM D1500	L0.5	L0.5	L0.5	L0.5
Flash Point °C (°F) (COC)	ASTM D92	248 (478)	276 (529)	251 (484)	288 (550)
Fire Point °C (°F) (COC)	ASTM D92	264 (507)	286 (547)	258 (496)	310 (590)
Pour Point °C (°F)	ASTM D97	-43 (-45)	-40 (-40)	-39 (-38)	-40 (-40)
Four-Ball Wear Test, mm 75°C, 1200 rpm, 40 kg, 1hr	ASTM D4172	0.43	0.44	0.38	0.40
Foam Tendency, ml	ASTM D892				
Seq. I		0/0	0/0	0/0	0/0
Seq. II		0/0	10/0	10/0	0/0
Seq. III		0/0	0/0	0/0	0/0
Copper Corrosion 100°C, 3 hr	ASTM D130	1A	1A	1A	1A

Package Sizes

- 5-gallon pail
- 55-gallon drum
- 275-gallon tote

Health & Safety Information

For recommendations on safe handling and use of these products, refer to the Safety Data Sheet (SDS), which is available at AMSOILIndustrial.com or upon request through the AMSOIL Industrial Group at IndustrialSalesGroup@amsoil.com or (715) 399-6305.

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**The typical properties listed above reflect the general characteristics of the product and are not manufacturing specifications. Variations that do not affect product performance should be expected. Product formulations are subject to change without notice. The customer or user is responsible for determining the product's suitability for use with their equipment.