

VESTAN SYNTHETIC COMPRESSOR FLUID



COMPRESSOR
LUBRICATION



TOTAL

Food-grade, air compressor oil

APPLICATIONS

Reciprocating and rotary
air compressor service
used in food plants

VESTAN SYNTHETIC COMPRESSOR FLUID is a series of high performance, colorless food grade oils designed for applications where the oil or the compressed air may come in incidental contact with edible products or food packaging. **VESTAN SYNTHETIC COMPRESSOR FLUID** meets the requirements of FDA Specification 21 CFR 178.3570 and may be used in federally inspected meat and poultry plants. These products may be used as compressor or machine lubricants or anti-rust films on equipment where there is exposure of the lubricated parts to edible products. Compressed air is often used to fill bags of chips.

Lubrication and cooling of the following types of air compressors:

- high pressure reciprocating air compressor (ISO VG 100 and 150)
- screw and rotary vane air compressor (ISO VG 32, 46 or 100)
- turbocompressors (ISO VG 46)

SPECIFICATIONS

ISO 6743 classified DAC and DAJ for heavy duty applications.

ADVANTAGES

Permitted in food plants as
compressor oil
Wide operating
range conditions

- USDA H-1 quality oil allowed for incidental food contact
- Low foaming tendency for turbocompressor applications.
- Excellent thermal stability of the lubricant under high temperature conditions.
- Compressor starts up at -20°C .
- Operating conditions at discharge temperature up to 250°C and discharge pressure up to 200 bars.

TYPICAL CHARACTERISTICS—VESTAN SYNTHETIC COMPRESSOR FLUIDS

ISO grade	32	46	100	150
Specific Gravity @ 60/60°F (ASTM D 1298)	0.827	0.834	0.841	0.845
Viscosity @ 40°C, cSt (ASTM D 445)	29.6	46.7	96.2	150
Viscosity @ 100°C, cSt (ASTM D 445)	5.64	7.68	13.1	19.1
Viscosity Index (ASTM D 2272)	133	132	135	145
Pour point, °F (°C) (ASTM D 97)	-60 (-51)	-60 (-51)	-55 (-48)	-40 (-40)
Flash point °F (°C) (ASTM D 92)	470 (243)	530 (277)	535 (279)	515 (268)
Color (ASTM D-1500)	0.0	0.0	0.0	0.0

Vestan Syn. Compressor Fluids
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