



VESTAN SYNTHETIC GEAR (Synthetic Food Grade Industrial Gear Oil)

VESTAN SYNTHETIC GEAR OIL is a series of high performance, colorless food grade oils designed for gear applications where the oil may come in incidental contact with edible products or food packaging.

VESTAN SYNTHETIC GEAR OILS meet 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 gear oils in equipment where there is exposure of the lubricated parts to edible products.

VESTAN SYNTHETIC GEAR OILS are blended from synthetic (PAO) base oils and non-toxic EP and anti wear performance additives to provide excellent gear protection and longevity. They contain potent oxidation inhibitors to minimize sludge and varnish deposits and maximize oil life. It is colorless, odorless and tasteless.

VESTAN SYNTHETIC GEAR OILS are low-sheen fluids with low toxicity towards aquatic life.

They can operate in industrial gear systems operating under low or high temperature conditions.

BENEFITS:

- **WIDE TEMPERATURE RANGE FLUID WITH LONG LIFE**
- **ODORLESS AND TASTELESS**
- **EXCELLENT WEAR PROTECTION**
- **RESISTANCE TO OXIDATION, SLUDGE AND VARNISH DEPOSITS**
- **RAPID WATER SEPARATION**

APPLICATIONS:

VESTAN SYNTHETIC GEAR OILS are recommended for a wide variety of applications including high and low pressure hydraulic systems, bearings, gears, circulation systems and other applications that require a synthetic quality food grade lubricating oil. It is recommended for use where incidental contact with food products may occur, such as bakeries, beverage plants, container manufacturing plants, bottlers, canneries, meat packing plants and water utilities.



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TYPICAL CHARACTERISTICS

ISO Viscosity Grade	150	220	320	460	680
Product Code	41970	41971	41972	41973	41974
API Gravity (ASTM D-1298)	36.9	35.3	34.8	33.8	32.6
Specific Gravity	0.845	0.848	0.851	0.856	0.862
Viscosity (ASTM D-445):					
cSt @ 40°C	150	213	320	430	655
cSt @ 100°C	19.1	26.4	33.0	40.0	50.0
Viscosity Index (D-2270)	145	158	144	142	131
Pour Point (ASTM D-97) °F (°C)	-40 (-40)	-40 (-40)	-30 (-34)	-30 (-34)	-20 (-29)
Flash Point (ASTM D-92) °F (°C)	515 (270)	520 (271)	520 (271)	500 (260)	495 (257)
FZG Gear Test, stages passed	12	12	12	12	12
Rust Resistance (ASTM D-665)					
Distilled Water	Pass	Pass	Pass	Pass	Pass
Synthetic Sea Water	Pass	Pass	Pass	Pass	Pass
USDA Classification	H-1	H-1	H-1	H-1	H-1

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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