

VESTAN SYNTHETIC GEAR LUBE



LUBRICATION

Synthetic high-performance food-grade industrial gear lubricant

APPLICATIONS

Heavily loaded enclosed gears

- **VESTAN SYNTHETIC GEAR LUBES** 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 LUBES** 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 LUBES** 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.

PERFORMANCE

International and OEM Specifications

- AFNOR NFE 60.200 - Category CKC
- AGMA 250.04
- CINCINNATI MACHINE P-74 (ISO 220) and P-59 (ISO 320)
- USDA H-1 quality product

ADVANTAGES

- Excellent extreme-pressure and anti-wear performances, remarkable protection of heavily loaded gear teeth.
- USDA H-1 rated allows incidental food contact
- Compatibility with elastomers
- Very good thermal stability ensuring a longer service life than conventional lubricants.
- Strengthened foaming protection.
- Good oil-water separation behavior.

TYPICAL CHARACTERISTICS—VESTAN SYNTHETIC GEAR LUBES

ISO Grade	150	220	320	460	680
Specific gravity @ 60 °F, ASTM D 1298	0.845	0.848	0.851	0.856	0.862
Viscosity at 40°C, cSt ASTM D 445	150	213	320	430	655
Viscosity index ASTM D 2270	145	158	144	142	131
Pour point, °F ASTM D 97	-40 (-40)	-40 (-40)	-30 (-34)	-30 (-34)	-20 (-29)
Flash point, COC, °F ASTM D 92	515 (270)	520 (271)	520 (271)	500 (260)	495 (257)
Copper strip corrosion ASTM D 130	1B	1B	1B	1B	1B
FZG A/8, 3/90, stages passed DIN 51354/2	12	12	12	12	12

TOTAL Lubricants USA Southwest

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Vestan Synthetic Gear Lubes
Sheet Updated 9/2009

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