



# VESTAN PAG GEAR LUBE

## (Food Grade Gear Lube)

**VESTAN PAG GEAR LUBE** is a full synthetic food grade polyglycol lubricant formulated with selected additives to provide excellent performance in enclosed gear bearings, worm gears and compressors where conditions require the unique properties of these fluids.

**VESTAN PAG GEAR LUBE** provides outstanding protection from wear and excellent cleanliness for hot moving parts. This is due to its excellent thermal and oxidative stability as well as its inherent dispersancy and heat transfer properties.

**VESTAN PAG GEAR LUBE** also has excellent lubricity and decreases sliding and rolling friction of steel worm gears resulting in decreased power consumption.

**VESTAN PAG GEAR LUBE** can be used over a wide range of temperatures. **VESTAN PAG GEAR LUBE** provides excellent corrosion resistance to bronze, copper and steel metallurgy and it exhibits superior antifoam properties. Its low temperature fluidity provides applications not normally possible with mineral oil products of comparable viscosity grades.

The superior low temperature properties and inherent high viscosity index enable this line of products to perform satisfactorily in year-round services. They reduce wear at cold startup, and maintain viscosity and film strength at high temperatures. This means that equipment gets superior wear protection at both high and low temperatures, and potential energy savings.

### **BENEFITS:**

- H-1 FOOD GRADE
- EXCELLENT LUBRICITY
- LONGER SERVICE LIFE THAN TRADITIONAL MINERAL OIL
- SUPERIOR THERMAL AND OXIDATION STABILITY
- SUPERIOR COOLING ABILITY OVER MINERAL BASED OILS
- SUPERIOR WEAR AND DEPOSIT CONTROL
- EXCELLENT LOW TEMPERATURE FLOWABILITY

### **APPLICATIONS:**

**VESTAN PAG GEAR LUBE** is recommended for heavily loaded gears, worm gears, chains and bearings operating at high temperatures.

**VESTAN PAG GEAR LUBE** may also be utilized for gears immersed in a bath or starting to operate in cold conditions.

***VESTAN PAG GEAR LUBE is incompatible with hydrocarbon fluids (PAO or white oil). Care should be taken to make sure the two are not mixed. They may not be compatible with conventional seals, paints and coatings. This product is water soluble and contamination by water should be avoided.***



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### TYPICAL CHARACTERISTICS

Product Code					
ISO Viscosity Grade	150	220	320	460	680
AGMA Grade	4	5	6	7	8
API Gravity	3.5	2.6	2.2	2.0	1.9
Specific Gravity (ASTM D-1298)	1.048	1.055	1.058	1.060	1.061
Density, lb/gal	8.73	8.788	8.815	8.828	8.835
Viscosity (ASTM D-445):					
cSt @ 40°C	143	224	319	442	650
cSt @ 100°C	27.2	41.3	57	78.1	111
SUS @ 100°F	718	1135	1607	2224	3290
SUS @ 210°F	133	199	273	374	530
Viscosity Index (ASTM D-2270)	229	238	247	259	268
Copper strip, 3 hrs at 100 C	1B	1B	1B	1B	1B
Pour Point (D-97), °F	-49	-49	-44	-44	-44
(°C)	(-45)	(-45)	(-42)	(-42)	(-42)
Flash Point (D-94), °F	525	505	510	515	525
(°C)	(270)	(263)	(266)	(268)	(274)
USDA H-1 quality	Yes	Yes	Yes	Yes	Yes

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