



PAG GEAR LUBRICANT

(Synthetic Worm Gear Lube)

PAG GEAR LUBRICANT is a full synthetic 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.

PAG GEAR LUBRICANT 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.

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

PAG GEAR LUBRICANT can be used over a wide range of temperatures. **PAG GEAR LUBRICANT** 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:

- 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:

PAG GEAR LUBRICANT is recommended for gears and bearings operating at high temperatures.

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

PAG GEAR LUBRICANT is incompatible with petroleum 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	45265	45266	45267	45268	45269
ISO Viscosity Grade	220	320	460	680	1000
AGMA Grade	5	6	7	8	8A
API Gravity	3.0	2.75	2.5	2.35	2.5
Specific Gravity (ASTM D-1298)	1.052	1.054	1.056	1.057	1.056
Density, lb/gal	8.76	8.78	8.80	8.81	8.80
Viscosity (ASTM D-445):					
cSt @ 40°C	237	314	441	654	1000
cSt @ 100°C	42.9	55.7	76.6	111	162
SUS @ 100°F	1191	1580	2224	3312	5072
SUS @ 210°F	206	266	366	532	774
Viscosity Index (ASTM D-2270)	238	245	255	268	280
Copper strip, 3 hrs at 100 C	1B	1B	1B	1B	1B
Pour Point (D-97),					
°F	-25	-25	-20	-20	-20
(°C)	(-32)	(-32)	(-29)	(-29)	(-29)
Flash Point (D-94),					
°F	510	520	530	525	525
(°C)	(266)	(271)	(277)	(274)	(274)

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