



**MANUFACTURERS AND SUPPLIERS
OF HYDRAULIC COMPONENTS**

VARGEAR EP RANGE

Extreme Pressure Industrial Gear Oils

Vargear EP gear oils are based on highly refined mineral oils with Extreme Pressure additives for protection against wear even under high loads.

Vargear EP gear oils are available in a graded range of viscosities and are suitable for most types of industrial gears with the exception of hypoid.

Vargear EP gear oils are formulated for use in industrial gearboxes, bearings and machinery where outstanding extreme pressure characteristics are required to handle the high speed shock loading and high torque conditions that can occur under high loads

Vargear EP gear oils are recommended for Spur, Helical and Herringbone gears on parallel shafts. Straight and spiral bevel gears on intersecting shafts and skew and worm gears on crossed shafts. They are also suitable for use on chain drives and bearings. Please refer to the manufacturer for guidance on viscosity grade required

Features & Benefits

- Extreme pressure additives for protection against wear
- Resistant to oxidation
- Excellent thermal stability
- Cost effective
- Compatible with common sealing materials
- Meets or exceeds Industry Standards

Typical Data

Vargear	68 EP	100 EP	150 EP	220 EP	320 EP	460 EP	
ISO Grade	68	100	150	220	320	460	
Viscosity (@40°C)	68.6	99.7	151.2	218.3	322.1	461.0	mm ² /s
Flashpoint (PMOC)	205	215	225	230	240	250	°C (min)
Pourpoint	-8	-8	-8	-8	-8	-8	°C (max)
Specific Gravity (@20°C)	0.88	0.88	0.88	0.89	0.90	0.90	

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Vargear EP gear oils are blended to meet or exceed the following industry standards:

- UN Steel 224
- DIN51517 part 3 CLP
- AGMA 250.04 (EP Gear Oils)
- Cincinatti Milacron P59/P63
- Ford M2C83-C
- Creusot Loise K/KS.

Operational Recommendations

Vargear EP gear oils are designed to be used as supplied.

Vargear EP gear oils should always be stored indoors and protected from extremes of temperature.

Although this product is not classified as hazardous to health, good standards of hygiene and housekeeping should always be adopted when using any industrial oils.

A separate MSDS is available for this product. Additional advice can also be obtained from your local representative.

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