



VENOM MGO

PRODUCT DESCRIPTION:

Venom MGO are mineral oil based gear lubricants having Sulphur phosphorous chemistry. These oils demonstrate improved thermal stability and oxidation resistance over conventional lead-naphthenate oils. They have good demulsibility characteristics, low foaming tendency and provide rust and corrosion protection to metal surfaces.

APPLICATION:

MGO oils are recommended for all types of enclosed gear drives with circulation or splash lubrication systems. These oils are particularly recommended for gear sets working under heavy or shock load conditions. These oils can be used in systems involving gears, plain bearings, roller bearings and sliding surfaces. They are also suitable for chain drives, sprockets, flexible couplings, plain and rolling element bearings employing splash, circulation and spray lubrication systems.

FEATURES & BENEFITS:

- Have reduced tendency to foam
- Provide high load carrying ability
- Ensure excellent wear protection
- Ensure long service life since they have good oxidation and thermal stability
- Minimise the formation of sludge and deposits, even at high bulk oil temperatures
- Ensure ready separation from water due to good demulsibility property
- Protect metals against rust and corrosion

PERFORMANCE STANDARDS: Meets and Exceeds:

- AGMA standard 250.04
- ASLE standard G-315, G-1000, G-1500 and G-2150
- IS: 8406 – 1993
- US Steel requirement No. 222 and 224
- Cincinnati Milacron (P-63, P-76, P-77, P-74, P-59 & P-35)

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Venom MGO				
			100	150	220	320	460
ISO VG			100	150	220	320	460
API Gravity	-	-	30.6	29.7	28.4	27.3	26.3
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	11.0	14.4	18.8	23.2	29.4
Viscosity Index	ASTM D-2270	-	100	100	100	95	95
Flash Point (min)	ASTM D-92	°C	240	240	245	260	280
Pour Point (max)	ASTM D-97	°C	-27	-27	-21	-18	-15
FZG Rating, 12th Stage	-	-	Pass	Pass	Pass	Pass	Pass

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.