

ANVOR EP

PRODUCT DESCRIPTION:

ANVOR EP gear lubricants are premium, multipurpose mineral oil-based lubricants engineered for various industrial gear applications, especially where heavy loads and shock loadings occur.

APPLICATION:

ANVOR EP gear oils are ideal for industrial enclosed gearing that requires an AGMA extreme pressure lubricant. They are designed for use in industrial gearboxes, including those in crushers, hoists, conveyors, winches, machine tools, and lathes. Additionally, they are suitable for chain drives, sprockets, plain and anti-friction bearings, and slide guides.

FEATURES & BENEFITS:

- High thermal stability EP system helps maintain clean gear and bearing surfaces
- Effective EP system forms a protective film in areas of metal-to-metal contact, minimizing wear rates and maintaining efficient transfer of power
- Effective oxidation inhibitors and copper passivator minimize oil oxidation, limiting viscosity increase and promoting long drain intervals

PERFORMANCE LEVELS: Meets or Exceeds:

- AGMA EP 9005-E02
- DIN 51517-3 (CLP)
- MAG Cincinnati, Cincinnati Machine P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460), P-78 (ISO 1000)
- U.S. Steel 224 Specification (ISO 220, 320, 460, 680)
- FLENDER

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	ANVOR EP							
			68	100	150	220	320	460	680	1000
ISO VG			68	100	150	220	320	460	680	1000
AGMA Grade			2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP	8 EP
API Gravity	-	-	31	30	29	28	27	26	26	25
Kinematic Viscosity @ 104°F / 40°C	ASTM D7042	cSt	68.1	107.0	153.4	216.9	319.1	452.2	665.6	1000
Kinematic Viscosity @ 212°F / 100°C	ASTM D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Viscosity Index (min)	ASTM D2270	-	95	95	95	95	95	95	95	95
Flash Point (min)	ASTM D92	°C	200	200	200	200	200	200	200	200
Pour Point (max)	ASTM D97	°C	-9	-9	-9	-9	-9	-9	-9	-9
Timken OK Load	-	lb	65	65	65	65	65	65	65	65
FZG Pass Stage	ASTM D5182	-	12	12	12	12	12	12	>12	>12

DISCLAIMER: The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: www.alphaoil.ae

HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. www.alphaoil.ae

PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.