



**PERFORMANCE PLUS OILS AND LUBRICANTS**  
PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



AUTOMOTIVE ENGINE | AUTOMOTIVE DRIVELINE | HEAVY DUTY ENGINE | HEAVY DUTY DRIVELINE | HYDRAULIC | GEAR OILS | GREASES | INDUSTRIAL LUBRICANTS | ANTIFREEZE

## EP GEAR OILS (EHV)

**Performance Plus® EP Gear Oils (EHV)** are premier gear oils for the industrial market, formulated with our unique base oils they stand apart from the competition in standing up to heavy load or shock loaded bearings in high pressure environments. EP Gear Oils (EHV) are approved for use in all types of gears sets excluding built-in variable speed friction drives. The foundation of Performance Plus is our unique, high performance, hydro-treated High VI - KLEEN+ base oils, refined from the highest quality feed stock in the industry.

| PERFORMANCE PLUS PROPERTIES    |           |           |
|--------------------------------|-----------|-----------|
| ISO Viscosity Grade            | 320       | 460       |
| AGMA Grade                     | 6EP       | 7EP       |
| Kinematic Viscosity            |           |           |
| cSt @ 40°C                     | 307.0     | 441.0     |
| cSt @ 100°C                    | 24.0      | 29.5      |
| Viscosity Index                | 99        | 95        |
| Copper Corrosion               | 1B        | 1B        |
| Demulsibility                  | Pass      | Pass      |
| Rust Characteristics, A&B      | Pass      | Pass      |
| Specific Gravity 15.6°C (60°F) | 0.888     | 0.892     |
| Flash Point, °C (°F)           | 248 (478) | 252 (486) |
| Pour Point, °C (°F)            | -15 (5)   | -12 (10)  |
| Color (ASTM)                   | L 4.0     | L 5.5     |
| Timken OK Load, lbs.           | 65        | 65        |
| FZG Stage Pass                 | 12        | 12        |

### Approvals and Specifications

Performance Plus® EP Gear Oils (EHV) are suitable for use the following specifications:

|               |                  |
|---------------|------------------|
| AIST 224      | DIN 51517 Part 3 |
| AGMA 9005-E02 | GM LS2           |
| ISO 12925-CKC | ISO 12925-CKD    |

Additionally, Performance Plus EP Gear Oils (EHV) meet the latest stringent requirements of leading automobile manufacturer plants, they are suitable for the following OEMs (where applicable\*):

|                |             |
|----------------|-------------|
| General Motors | Ford        |
| Chrysler       | Caterpillar |
| Toyota         | Volvo       |
| Hitachi        | Okuma       |
| Doosan         | Mitsubishi  |
| Komatsu        | Okuma       |
| Haas           | Mori Seiki  |
| Mag            | Mazak       |
| Makino         | Victor      |

Note: Values shown above are representative of current production and may vary within modest ranges

\*Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and lubricant recommendations.

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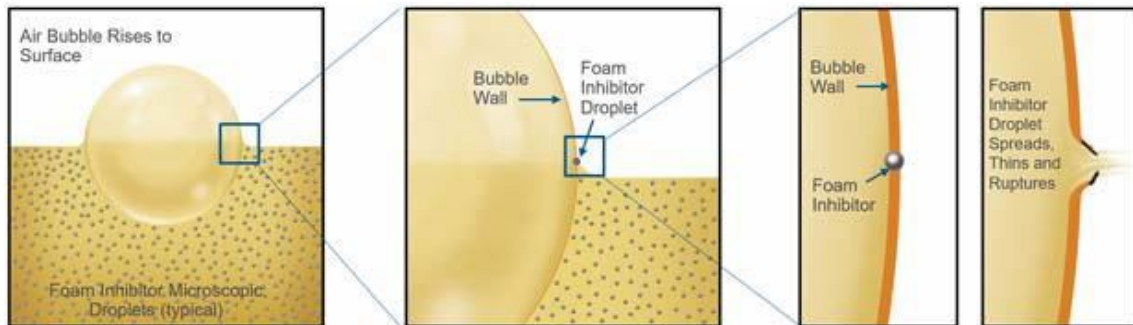
## EP GEAR OILS (EHV)

**Features and Benefits:** Performance Plus EP Gear Oils (EHV) are formulated for high pressure industrial gear sets and deliver performance, power and protection to meet the demands of strenuous conditions. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus and why Performance Plus EP Gear Oils (EHV) products offer:

Formulated to resist foaming by maintaining film strength  
Excellent corrosion protection  
High Pressure additives  
Exceptional thermal and oxidation stability  
Compatible with common seal materials

Maintains consistent and continuous lubrication  
Extends component life and reduces downtime  
Performs under extreme operating conditions  
Extending gear and bearing life  
Reduces leaking and oil usage

**Proven and Trusted:** The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high quality base oils and additives.



Performance Plus® EP Gear Oils (EHV) contain a specialty blend of additives that enhance surface tension and maintain film strength which provides excellent resistance to foaming. The strength of the additive package will break down foaming air bubbles as quickly as they form.

**Health and Safety:** Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

**Storage:** Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

**Disposal:** All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

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