

## Lubrication Engineers Highlights Duolec® Industrial Gear Oil for Superior Industrial Equipment Protection

*Advanced Formulation Delivers Exceptional Performance and Reliability  
in Demanding Environments*

**WICHITA, Kan. (Jan. 29, 2025)** – [Lubrication Engineers](#), a leader in the field of high-performance lubricants and reliability solutions, highlights its [Duolec® Industrial Gear Oil \(1601-1610, 1302, 1304\)](#), an advanced formulation designed to enhance equipment reliability and operational efficiency in demanding industrial environments. This innovative lubricant is specifically engineered to meet the needs of high-temperature and high-load applications such as industrial gear drives, bearings and circulation systems, delivering exceptional protection and performance.

Duolec Industrial Gear Oil features Duolec®, a proprietary dual-acting additive that significantly enhances the oil's load-carrying capacity and provides unparalleled protection against wear. This unique technology forms a molecular barrier on metal surfaces, effectively reducing friction and preventing destructive metal-to-metal contact. As a result, equipment operators can expect extended gear life, reduced downtime and lower maintenance costs.



One of the key benefits of Duolec Industrial Gear Oil is its exceptional demulsification properties, enabling rapid separation from water and ensuring optimal lubrication even in challenging, moisture-prone environments. This characteristic is particularly valuable in industries where moisture contamination is a constant concern. By maintaining lubricant integrity and protecting against rust and corrosion, these features help extend equipment life and ensure consistent performance in demanding industrial settings.

Duolec Industrial Gear Oil offers exceptional protection against sludge formation, significantly reducing maintenance requirements by preventing harmful buildup that can compromise system performance. Its advanced formulation provides superior abrasion resistance, safeguarding gears and bearings against wear caused by solid contaminants and operational stresses, thus maintaining optimal gear efficiency over extended periods.

Additionally, Duolec Industrial Gear Oil boasts thermal and oxidation stability, allowing it to maintain its viscosity and protective properties even under high-temperature conditions. This stability translates to longer oil life, reduced consumption and less frequent oil changes, contributing to improved operational efficiency and reduced environmental impact.

In addition to its core features, Duolec Industrial Gear Oil offers excellent foam resistance, ensuring consistent lubrication and protection throughout operation. Its high viscosity index maintains proper viscosity across a wide temperature range, adapting to varying operational conditions. The oil is also compatible with other mineral oil-based lubricants, facilitating easy transition for users switching from other products.

## Duolec Industrial Gear Oil

To accommodate diverse application needs, the product is available in multiple ISO viscosity grades ranging from 46 to 1500, allowing users to select the optimal viscosity for their specific requirements.

To learn more about Duolec Industrial Gear Oil or discover how it can benefit your operation, please call 800-537-7683 or visit [www.LElubricants.com](http://www.LElubricants.com).

### **About Lubrication Engineers**

Founded in 1951, Lubrication Engineers, Inc. has grown from a visionary lubricant company to a global leader in lubrication reliability solutions. With a commitment to quality and innovation, the company develops proprietary formulas and premium lubricants that enhance machinery performance and reduce equipment wear. Operating a state-of-the-art manufacturing facility in Wichita, Kan., and with a network spanning across the United States and more 60 countries, Lubrication Engineers provides tailored solutions and exceptional service to businesses worldwide, helping them optimize equipment performance and achieve long-term operational success. LE operates under an ISO 9001 Certified Quality System.

Duolec® is a registered trademark of Lubrication Engineers, Inc.

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