



*Lube Guide, For:*

# INDUSTRIAL LUBRICANTS

— *Powering the World, Fueling the Future*

Insights, Trends, and  
Innovations in the  
Global Sector





# INTRODUCTION



## *Powering the World's Industry with Precision Lubrication*

With over 130 years of legacy, Carter Oil stands at the forefront of industrial lubrication technology. Our products are trusted by manufacturers and heavy industries worldwide for their unmatched reliability, performance, and efficiency. Designed to reduce friction, resist wear, and enhance productivity, Carter Oil's industrial lubricants ensure that machinery operates at peak efficiency even in the most demanding environments.







## *Engineering Reliability for Every Operation*

Carter Oil offers a comprehensive range of industrial lubricants engineered to enhance performance, efficiency, and reliability across a wide spectrum of operations. From precision machining to heavy-duty equipment, each formulation reflects our heritage of innovation and commitment to quality.

- **Metalworking Fluids**
- **Hydraulic and Gear**
- **Oils Specialty Fluids**

# OUR INDUSTRIAL PRODUCT RANGE





Carter Oil's metalworking fluids ensure precision, cooling, and protection during machining and forming. They improve tool life, enhance surface finish, and maintain cleaner systems for consistent productivity.

- Excellent cooling and lubricating properties.
- Reduced tool wear and improved surface finish.
- Effective rust and corrosion protection.
- Low foaming and easy maintenance.

# METALWORKING FLUIDS →



## Applications:

Machining centers, CNC lathes, grinding machines, and metal forming equipment.





Engineered for high-load and high-temperature performance, Carter Oil hydraulic and gear oils protect components from wear, corrosion, and oxidation. Their superior film strength ensures smoother operation and longer equipment life.

- Advanced anti-wear protection and thermal stability.
- Outstanding oxidation resistance and demulsibility.
- Compatible with a wide range of industrial systems.

# HYDRAULIC AND GEAR OILS







# SPECIALTY FLUIDS



Carter Oil's specialty fluids provide advanced lubrication for complex and high-performance applications. Formulated for reliability and efficiency, they help optimize operations while reducing maintenance costs.

- High thermal and oxidation stability.
- Low volatility and long service life.
- Suitable for turbines, compressors, and heat transfer systems.

## Applications:

Power generation units, compressors, circulating systems, and heavy-duty industrial machinery.







# APPLICATIONS ACROSS INDUSTRIES

- Manufacturing & Production Plants
- Power Generation & Energy Systems
- Mining & Construction Equipment
- Metalworking & Fabrication Units
- Cement, Paper & Steel Industries
- Textile & Wood Processing
- Food & Beverage Manufacturing
- Chemical & Petrochemical Plants
- Marine & Offshore Operations
- Automotive Assembly Lines







# METALWORKING FLUIDS

## **Aladdin 500 Series Metalworking Neat Oil:**

A straight oil series designed for multi-metal work, including drilling, turning, and boring. It provides exceptional heat dispersion and extreme pressure (EP) performance. It is chlorine-free and replaces conventional chlorinated products.

## **Aladdin 4000 Series Metalworking Semi-Synthetic Coolant:**

A light to medium-duty coolant (e.g., Aladdin 4100, 4140) for general-purpose machining on ferrous and non-ferrous materials. It is free of chlorine, nitrites, phenols, and active sulfur.

## **Aladdin Grinding Oil G512:**

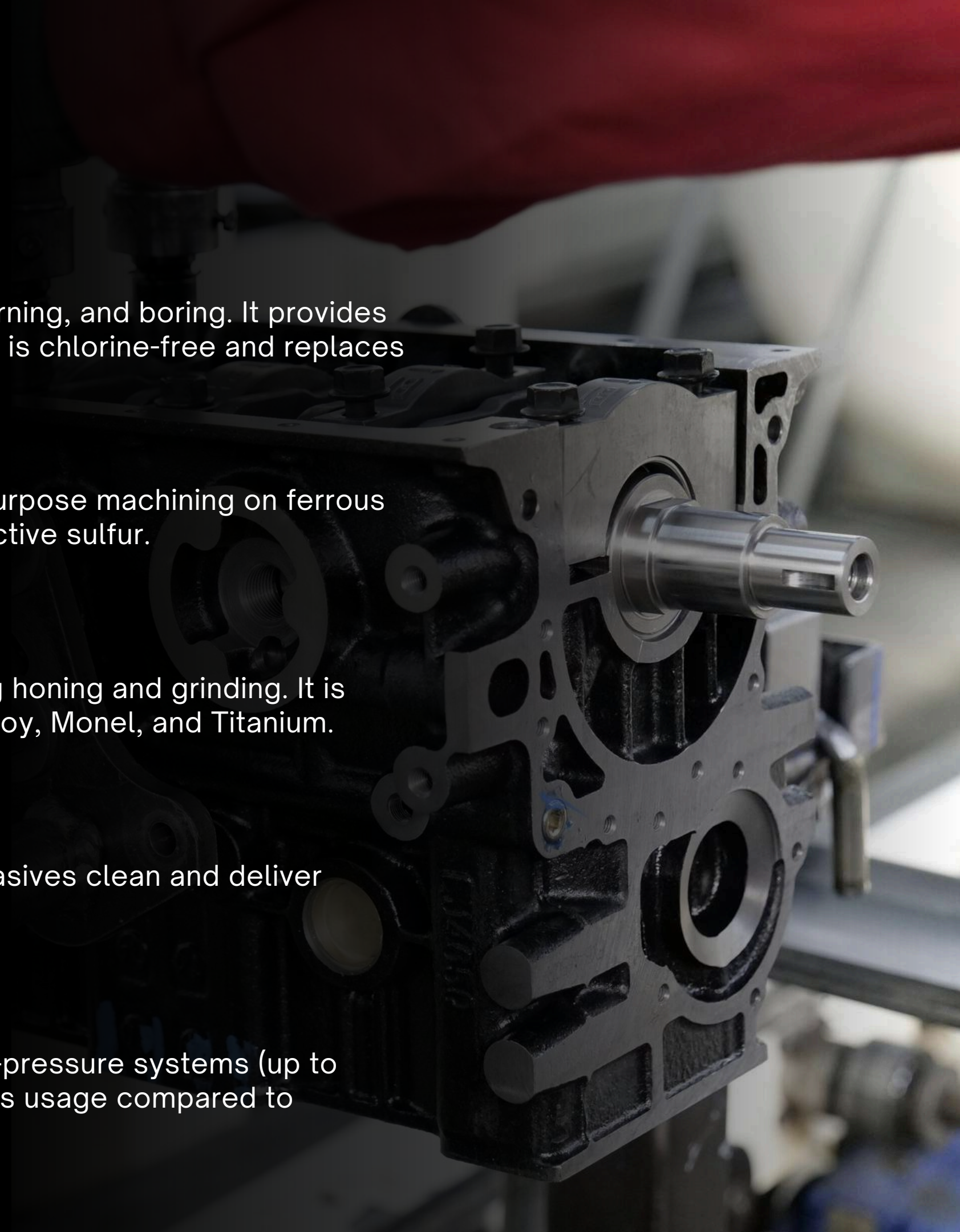
A metalworking neat oil designed to prevent welding and galling during honing and grinding. It is suitable for exotic, high-tensile strength alloys such as Inconel, Hastalloy, Monel, and Titanium.

## **Aladdin Hone Oil Series:**

A premium, mineral oil-based, chlorine-free fluid designed to keep abrasives clean and deliver maximum cutting rates with less pressure and lower temperatures.

## **Trinity Cool 730G:**

A premium, micro emulsion semi-synthetic coolant formulated for high-pressure systems (up to 1,200 psi) and high removal rate applications. It claims to offer 40% less usage compared to traditional technology.







# HYDRAULIC AND GEAR OILS

## **Aladdin ER AW Energy Reducing / Anti Wear Hydraulic Fluid:**

A zinc-based premium antiwear hydraulic fluid with a "Low Traction" formulation. Documented field trials show it reduces energy requirements by up to 8.5% and can lead to significant annual electricity cost savings in a factory setting.

## **Aladdin MULTI-FUNCTION AW HYDRAULIC FLUID SERIES:**

An ash-less, Zinc Free industrial fluid designed for multiple applications, including slideway, bearings, gears, and hydraulic systems. Its multi-functional nature helps lower inventory costs and ensures compatibility where cross-contamination may occur.

## **Trinity Synthetic IGO Series:**

Synthetic Industrial Gear Oils that are noted for providing the best Micro-Pitting protection on the market.

## **Aladdin WindForce Wind Turbine Gear Oils:**

These are mentioned for providing superior anti-seizure performance and maximum gear protection.



# ➔ **SPECIALTY FLUIDS**

## **Aladdin DWRP 360 Thin Film Rust Preventive:**

A solvent-based rust preventive that is used for "IN-Process" manufacturing and dewatering. It dries to the touch in 30 minutes and provides up to 1 year of indoor protection.

## **Aladdin EDM Dielectric Fluid:**

A crystal-clear, water-white fluid for Electrical Discharge Machining (EDM) in plunge and wire applications. It is available in odorless or vanilla-scented options.

## **Aladdin Spindle Oil Series:**

Premium, light-bodied oils blended from Group II base stocks for high-speed bearings, bushings, and sleeves, offering longer life and stable viscosity control.



# THANK YOU ➔



*Get In Touch*



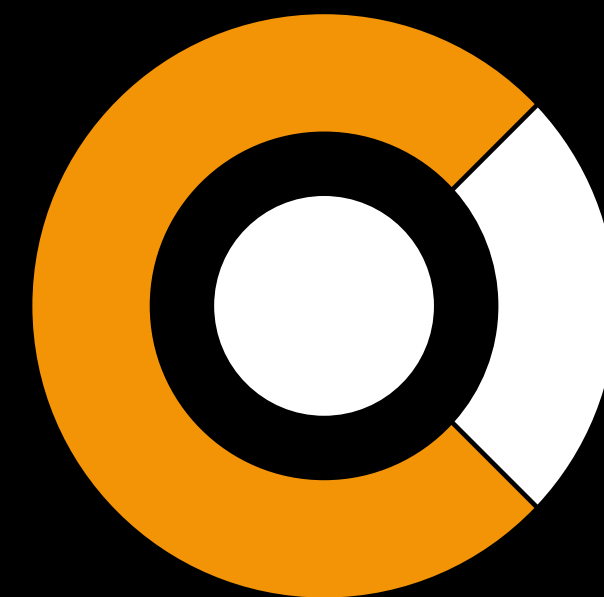
+1 (832) 997-6806



[www.carteroilusa.com](http://www.carteroilusa.com)



[sales@carteroilusa.com](mailto:sales@carteroilusa.com)



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