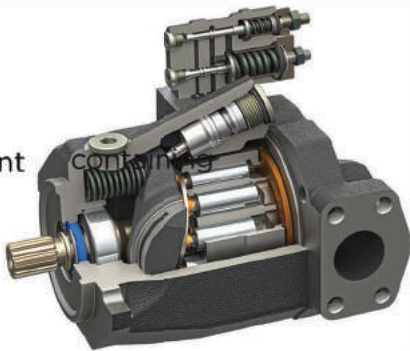


# CNC MACHINE MAINTENANCE LUBRICANTS

Resource One can also provide a full—range of maintenance lubrication for your CNC machines.

## HYDRAULIC OILS

Our LUBERITE AW series is an HLP mineral-based lubricant low-zinc Anti-Wear (AW) additives, meeting quality levels of Denison, Vickers and Cincinnati Machines. It is highly recommended for use in high-pressure hydraulic systems, and may also be used for lightly loaded gearboxes and bearings not requiring Extreme Pressure (EP) additives.



	ISO VG 22	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100
Viscosity at 40°C (cSt)	21.27	31.26	47.01	71.93	106.9
Viscosity Index	103	103	104	100	96
Flash Point (°C)	220	220	230	240	244
Color/Appearance	Clear	Clear	Clear	Clear	Clear

Available in 20 liter pails and 200 liter drums

## SLIDEWAYS OILS

Our LUBERITE SW range was formulated to meet the excessive demands for the lubrication of the slideways and guides of modern machine tools. Containing Friction Modifiers, this lubricant minimizes the occurrences of stick-slip at low speeds and high pressures, and provides protection against scuffing and seizures. LUBERITE SW also contains Tackifiers, Demulsifiers, and Anti-Rust additives, ensuring that its performance remains optimum despite the possible exposure from water-miscible cutting fluids.

	ISO VG 32	ISO VG 68	ISO VG 220
Viscosity at 40°C (cSt)	32	65.48	226.2
Viscosity Index	98	107	101
Flash Point (°C)	213	230	280

Available in 20 liter pails and 200 liter drums

Use ISO VG 220 for vertical slides



**DID YOU KNOW that using Hydraulic Oils or other Circulating Oils for machine tool slideways may cause premature failure?**  
Unlike Hydraulic and Turbine Oils, Slideways Oils are specifically blended with tackifiers, ensuring that the lubricant stays in place despite the exposure to coolant and the high vibrations in machine tools.

**resourceone**  
Lubricating Your World  
Unit 1-5, Lot 10, East Science Ave.,  
corner Trade Ave., Phase IV,  
Laguna Technopark Inc., Binan, Laguna, 4024  
Tel. No.: (049) 541-1734  
Fax No.: (049) 541-0447  
Email: resource\_one@pltdsl.net  
Website: www.resource1ph.com

- ALSO AVAILABLE:**
- METALWORKING FLUIDS**  
Die Casting, Forging, Stamping Release Agents  
Rust Preventives and VCI's  
Cutting Oils and Coolants
  - AUTOMATIC LUBRICATORS**
  - OIL SKIMMERS**
  - SPECIALTY LUBRICANTS AND GREASES**  
High and Low Temperature Greases  
Chain and Wire Rope Lubricants  
Open Gear Greases  
Synthetic Gear, Compressor, Hydraulic Oils  
Fire Resistant Hydraulic Fluids

# NEAT CUTTING OILS

**resourceone**  
Lubricating Your World



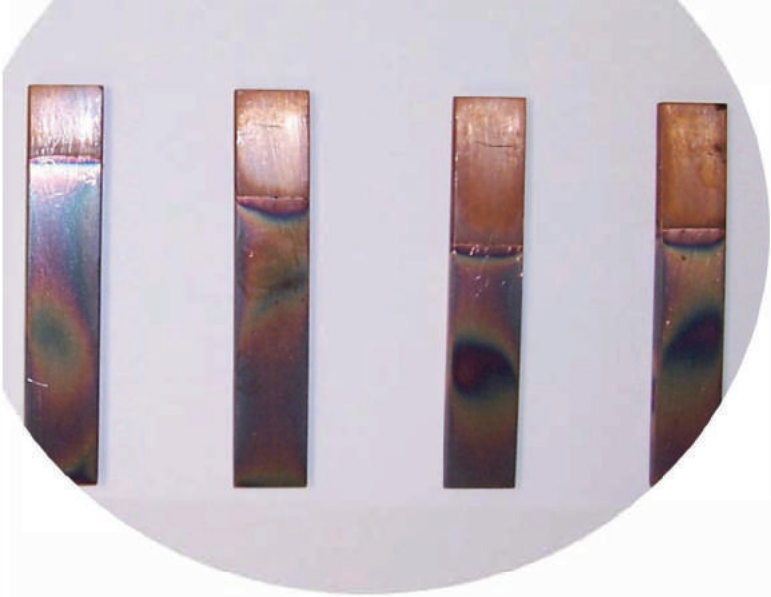
# NEAT CUTTING OILS



For maximum lubrication for the toughest machining jobs, our comprehensive range of Straight Cutting Oils has contributed to the efficiencies and operational improvements of various firms involved in the automotive and computer-parts industries in the Philippines.

Product	Viscosity (cSt at 40° C )	Recommended Material	Additive Type	Strengths
LubeRite MO10	10	Ferrous & Non-Ferrous	Inactive EP additives	High Speed Lathe operations Aluminum machining
LubeRite MO28P	28 to 32	Ferrous & Non-Ferrous	Inactive EP additives	General Purpose Cutting Oil
Petrofer Isocut FS	32	Ferrous	Active Sulfur and Chlorinated additives	Broaching and other Heavy Duty Cutting
Petrofer Isocut FS CH5	32	Ferrous	Active Sulfur and Chlorinated additives	Spline Rolling and other Heavy Duty Cutting
LubeRite MO13P	10-12	Ferrous	Active Sulfur	Lathe Operations on Stainless Steel Small hole machining operations
LubeRite MO15 Super	10-12	Ferrous	Active Sulfur and Esters	Lathe Operations on Stainless Steel Excellent Finish even on high feed rates
Petrofer Isocut VG 10 LS	10	Ferrous and Non-Ferrous	Proprietary	Mist Cutting Low Smoking
LubeRite MO2H	2	Ferrous and Non-Ferrous	Proprietary	Grinding, Honing and other processes requiring low viscosity
LubeRite MO4H	4	Ferrous and Non-Ferrous	Proprietary	Glass and Lens Grinding High Flashpoint
Procut Liquid*	150	Ferrous Metals	Proprietary	Tapping Fluid Extremely Difficult Operations

Available in 20 liter pails and 200 liter drums  
\* Available in 1 liter bottle



**DID YOU KNOW** that while *Active Sulfur Extreme Pressure Additives* improve tool life and surface finish, it can be detrimental to the appearance of *Non-Ferrous Metals* such as *Copper and Aluminum*? The Active or Free Sulfur typically reacts to form stains on Non-Ferrous Metals. Select a Cutting Oil formulated with Inactive Sulfur, or Esterized additives instead of such applications.

## ELECTRIC DISCHARGE MACHINING FLUIDS

Our EDM Fluids are very special - these products are formulated using "Gas-to-Liquid" (GTL) base oils. Compared to conventional low-viscosity mineral-based oils, the GTL fluids exhibit,

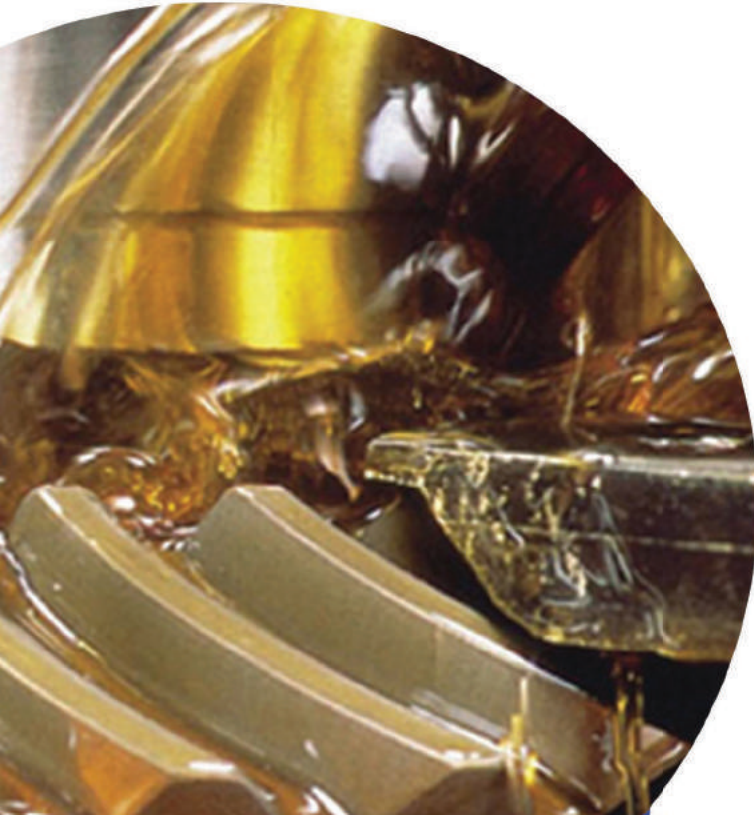
- Negligible Solvent Content
- Only Traces of Sulfur
- Clear Appearance and High Purity

To the end-user, this translates into lower evaporation rates, less skin irritation, as well as a comfortable and safe work environment.



Product	Viscosity (cSt at 40° C)	Recommended Material	Strengths
LubeRite EDM 2	2	Ferrous & Non-Ferrous	For super-tight cutting tolerances, excellent flushing ability
LubeRite EDM 4	4	Ferrous & Non-Ferrous	For larger cuts, higher voltage cutting

All available in 20 liter pails and 200 liter drums



**DID YOU KNOW** that *viscosity plays an important role in machining and grinding operations*? Use a low viscosity oil for high speed applications, to include grinding, and for applications wherein good chip-flushing ability is preferred. On the other hand, use a high viscosity oil for applications with low-speeds and very high depth of cuts, such as Broaching, Hobbing, and other Gear-making Operations.

**DID YOU KNOW** that *EDM cutting times, and surface quality may be compromised if the EDM fluid is out-of-specifications already, due to prolonged usage*? Prolonged usage contributes oxidation, manifested by an increase in viscosity, reducing flushing ability and impacting finish. Have your EDM Fluid analyzed by our team for a proper recommendation.

