

**DID YOU KNOW** that you can maximize the use of your coolant, and increase sump life by following the proper mixing method for coolants? Set aside the water for usage in your mixture in a clean container, and add the concentrate ON TOP, then mix thoroughly before pouring the mixture into the sump. NEVER place concentrate directly to the sump, or to pour water into the concentrate. The fluid mixture will not be stable.

## SLIDEWAYS OILS

Our LUBRITE 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. LUBRITE 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 200 L drums and 20 L pails

**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.

\*Gear Oils, Spindle Oil, High Speed Spindle Greases, and Ball Screw and LM Guide Greases are also available. Contact our representative for more details.



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### ALSO AVAILABLE:

#### METALWORKING FLUIDS

Die Casting, Forging, Stamping Release Agents  
Rust Preventives and VCI's  
Cutting Oils and Coolants

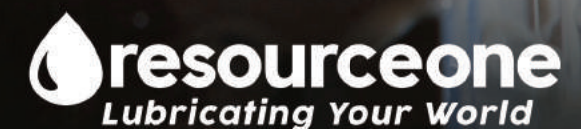
#### AUTOMATIC LUBRICATORS

#### 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

# WATER MISCIBLE CUTTING FLUIDS





# WATER MISCIBLE CUTTING FLUIDS

Resource One Corporation offers the widest range of water-soluble cutting fluids in the Philippines. We are certain that we can recommend a product that will suit your demanding applications. Moreover, our company provides after-sales services that will enable you to maximize the usage of our fluids.

## SYNTHETIC (OIL-FREE) FLUIDS

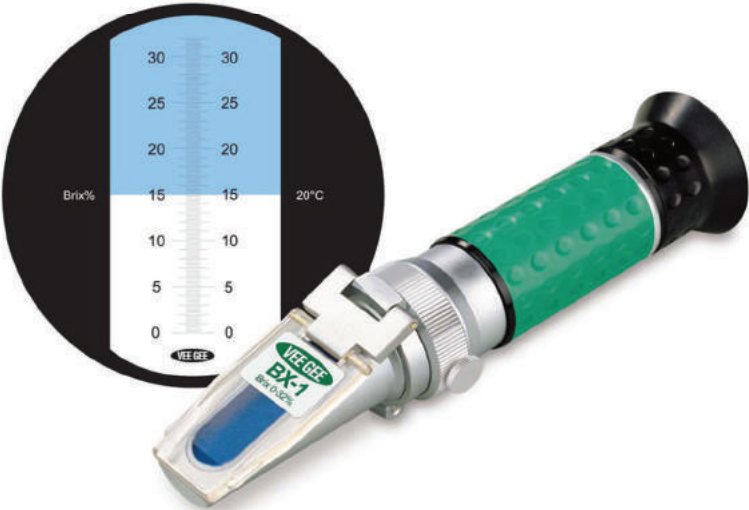
PRODUCTS	RECOMMENDED MATERIAL	OPERATIONS	RECOMMENDED CONCENTRATION	STRENGTHS	REFERENCE
Quaker 2769DL	Ferrous Metals	All Grinding	3-5%	Excellent Detergency  Cylindrical, Centerless & Surface Grinding	Transmission Shaft and CVJ Roller Grinding
Quaker 2772LF-D	Ferrous and Non-Ferrous Metals	All Grinding  Light and Moderate Machining	3-10%	Excellent Lubricity for a Synthetic product	Milling, Drilling, Boring of Moulds for Plastic Injection and Stamping Dies
Petrofer Isogrind A20	Carbides	All Grinding	3-5%	Ideal for Carbide Grinding  No Cobalt Leaching	Carbide Grinding

All available in 180 kg drums and 20 L pails

## EMULSIONS & MICRO-EMULSIONS (HIGH OIL CONTENT)

PRODUCTS	RECOMMENDED MATERIAL	OPERATIONS	RECOMMENDED CONCENTRATION	STRENGTHS	REFERENCE
Quakercool 7200 HBFF	Ferrous and Non-Ferrous Metals	All Machining to include Drilling, Tapping, Reaming	5-10%	Excellent Finish and Tool Life  Excellent for Aluminum anti-corrosion	Aluminum Transmission Parts - Milling and Drilling  Motorcycle, Tapping and Boring
Petrofer Emulcut 351S/AS*	Ferrous and Non-Ferrous Metals	All Machining operations	5-10%	Standard Grade	Aluminum Wheel Turning and Facing

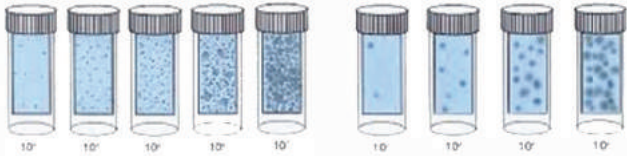
All available in 180 kg drums and 20 L pails  
\*Available in 170 kg drum



**DID YOU KNOW** that *water-miscible cutting fluids are CONCENTRATION-SENSITIVE?* One should always use the coolant based on the manufacturer's recommendation. Too low concentration can negatively impact the following,

- Tool life
- Parts Surface Finish
- Bio-stability - bacteria may thrive and cause odor and additive depletion
- Rust and Corrosion Protection
- Sump Life

**DID YOU KNOW** that you can double your sump life by removing tramp oils regularly? Tramp oils from the slideways and hydraulic systems promote the rapid growth of anaerobic bacteria, causing the 'Monday morning smell' we all dread. Furthermore, tramp oils can cause smoking and staining on sensitive metals.



## SEMI-SYNTHETIC (MODERATE OIL CONTENT & VERSATILE)

PRODUCTS	RECOMMENDED MATERIAL	OPERATIONS	RECOMMENDED CONCENTRATION	STRENGTHS	REFERENCE
Petrofer Emulcut S10	Ferrous and Non-Ferrous Metals	All Machining operations	5-10%	Bio-stable and Long-life - does not require addition of Biocides	All Machining on Aluminum and Cast Iron Base Plate for Compactors
Petrofer Emulcut S60	Ferrous and Non-Ferrous Metals	All Machining operations  Grinding	5-10%	Standard Grade for Non-Ferrous Metals  Bio-stable	All Machining for Forged Transmission Shaft and Gear Blanks
Petrofer Emulcut S50	Ferrous Metals	All Machining operations  Grinding	5-10%	Standard Grade for Ferrous Metals  Bio-stable	Universal Joint Cross Lathe Operations

All available in 180 kg drums and 20 L pails

The featured coolants form our product portfolio for machining and grinding, but feel free to inquire with our representatives for custom-formulations.

# 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 containing 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 200 L drums and 20 L pails