



MADE BY EXPERTS. WORKS LIKE MAGIC.

PRODUCT LINE-UP

METALWORKING FLUIDS

Neat Cutting Oil
Whizol Pure Cut
Soluble Cutting Oil
Whizol Emulcut
Semisynthetic Cutting Oil
Whizol Emulcut SS
Synthetic Cutting Oil
Whizol Emulcut FS

RUST PREVENTIVE

Solvent Based
Whizol Stop Rust

HEAT TREATMENT

Quenching Oil
Whizol Super Quench
Polymer Quench
Whizol Aqua Quench

INDUSTRIAL LUBRICANTS

Hydraulic oil
Whizol Clean Hydraulic
Slideway Oil
Whizol Slideway
Industrial Gear Oil
Whizol Premium Gear
Compressor Oil
Whizol Multicomp

SPECIALTY LUBRICANTS

For Hydraulic Systems
Whizol System Cleaner
For Metal Cleaning
Whizol Cleaning Fluid

AUTOMOTIVE

Engine Coolant
Whizol EC Concentrate
Whizol EC Ready-To-Use

PRODUCT DATA SPECS

Our products are developed through intensive scientific research which is why they work like magic.

Created by experts, for experts, to ensure your manufacturing processes run smoothly every minute of the day. Day in, day out.

OUR PRODUCT

Highly specialised coolants, lubricants and chemicals for various industrial processes, developed and formulated in our advanced, modern laboratory.

OUR SERVICES

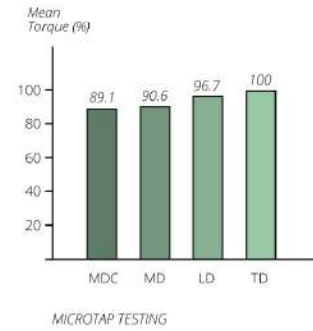
- Our Product Development team is available and pleased to discuss your needs
- Coolant Management Services
- Solutions and back-up for equipment problems



PURE CUT

METALWORKING FLUIDS | NEAT CUTTING OIL

WHIZOL PURECUT series use advanced additive technology to give high, extreme pressure (EP) lubrication properties, compatible with paints, plastics and standard elastomers. A combination with anti-wear and anti-oxidant agents makes them a perfect chemistry for machining applications.



EMULCUT

METALWORKING FLUIDS | SOLUBLE OIL

WHIZOL EMULCUT series are water miscible metal-working fluids that produce a superior milky emulsion when mixed with water. The products do not contain nitrite or phenol, thus ensuring a safe working environment.



EMULCUT SS

METALWORKING FLUIDS | SEMI SYNTHETIC

WHIZOL EMULCUT SS series are semi-synthetic, water-mix, metal working fluids. The correct choice for light to moderate machining applications. Excellent heat transfer providing hydrodynamic lubricity characteristics that leads to longer tool life.



EMULCUT FS

METALWORKING FLUIDS | SYNTHETIC

WHIZOL EMULCUT FS series are synthetic fluids specially formulated, for machining and grinding applications, a combination of surfactant chemistries, that offer superior lubrication and excellent cooling properties. A repellant oil that keeps machine surfaces and parts clean with a soft, transparent film residue.



Grinding ST 60 steel...



with Emulcut FS 06

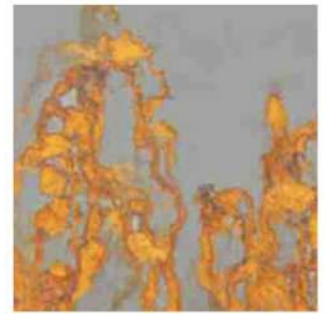
STOP RUST

RUST PREVENTIVE | SOLVENT BASED

WHIZOL STOP RUST series offer the most advanced rust protection available. Thin film products free of barium and heavy metals with excellent water separation and water displacement properties, ensuring film consistency in dip tank applications.



Whizol Stop Rust



Competitor's Brand

CLEAN HYDRAULIC

INDUSTRIAL LUBRICANTS | HYDRAULIC OIL

WHIZOL CLEAN HYDRAULIC series are a new hydraulic oil technology designed to provide excellent anti-wear performance, outstanding thermal and oxidation stability, rust and corrosion protection, and rapid water separation, all while keeping systems free of varnish deposits.



WHIZOL CLEAN HYDRAULIC



Traditional Technology

SLIDEWAY

INDUSTRIAL LUBRICANTS | SLIDEWAY OIL

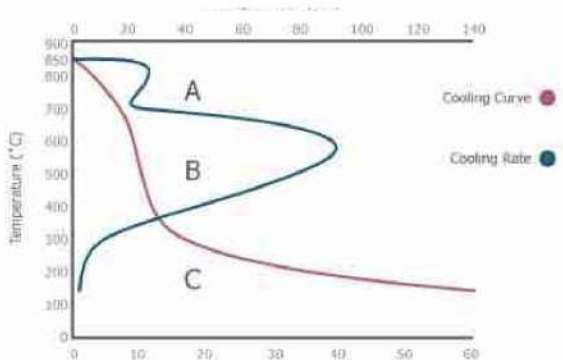
WHIZOL SLIDEWAY oil series offer trouble-free performance under tough conditions. It is ashless and phosphorous free and meets the slideway challenge with a unique combination of robust frictional characteristics and high extreme pressure capability, resulting in smooth operation, less wear and longer equipment life.

TEST	PROC. ASTM	LS2 Req.	WHIZOL
Copper Corrosion (3 hours @ 100)	D 130	1b max	1b
Water Separability (mL) (30 minutes)	D 1401	40/37/3 max	40/40/0
Demulsibility	D 2711B		
Water in Oil aft. 5 hrs (%)		1.0 max	0.25
Emulsion aft. centrifuge (mL)		2.0 max	0
Total free water (mL)		60 min	85.2
Timken OK Load	D 2782	35 min	18
Phosphorus Content (ppm)		5 max	pass

SUPER QUENCH

HEAT TREATMENT | QUENCHING OIL

WHIZOL SUPER QUENCH oil series are a synergistic blend of antioxidant, quenching, speed improvers and other performance enhancing additives. Mineral oil- based for cold quenching, mar-quenching, and bright quenching application.



EC CONCENTRATE

AUTOMOTIVE | ENGINE COOLANT

Engine coolant based on ethylene glycol, containing a hybrid corrosion inhibitor package with salts of organic acids and silicates. Free of nitrites, amines and phosphates.

Developed to protect car, truck and bus engines of both ferrous and aluminum construction, against water corrosion and frost damage. It contains a blend of inhibitors designed to give a high degree of corrosion protection to engine components such as radiators, cylinder blocks/heads and water pumps.

EDM Fluid

Whizol EDM Fluid is a non staining, low viscosity lubricant intended for use as an EDM fluid. Designed for operation where more hard, tough, fragile and heat sensitive metals that are difficult or impossible to machine by conventional processes.



FORMING SERIES

METAL FORMING OIL

Forming Series is a metal forming lubricants, which formulated with EP additive, lubricity improver additive, and anti-wear additive. The lubricant provides tools and mold protection from micro-weld resulted in longer life and giving work piece smooth surface finish.



WHIZOL RUST REMOVER

Whizol Rust Remover is a specialized product for removing rust stains and scale caused by iron oxide. The product is specially formulated with added anti-rust agents, making it capable of temporarily protecting metal surfaces from the reformation of rust.

AFS

ALUMINIUM STAMPING LUBRICANT

AFS is an aluminium fin stamping lubricant, which is formulated with high quality based oil and special additive for stamping process, that provide:

- High lubricity and wettability
- Leaving no residue
- Eliminates cleaning operation



AQUAWASH

WATER BASED WASHING FLUID

Aquawash is a water based washing fluid, formulation is especially suitable for cleaning and removing oils, fats, and grases.

Application: metal cleaning and rust protection.

INFORMATION

HANDLING / STORAGE / HEALTH / SAFETY

Handling & Storage

- Store in a cool, dry place away from direct sunlight.
- Keep the product tightly sealed when not in use.
- Avoid extremes of temperature.

Further Information

For complete information on handling, safety, health, personnel protection and first aid information, please refer to the Material Safety Data Sheet (MSDS) or contact us:

Health & Safety

- Always use in the recommended application. Apply good standards of industrial hygiene.
- Apply good standards of personal hygiene.
- No significant health or safety threat expected if the above points are followed.

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