

# Metal Working Fluids



**Complete  
Lubrication Solution**

## Our Excellence in Lubrication

- **High Performance:**  
With premium lubricants by Solvit, you achieve optimal results, even with high speeds, heavy loads and high temperatures.
- **Exceptional Stability & Compatibility:**  
Our lubricants feature exceptional stability and show minimum variation in viscosity over a wide temperature range. These lubricants are compatible with wide range of materials.
- **Multifaceted Performance:**  
Along with effective lubrication, our products minimize wear, provide corrosion protection and dissolve residue deposits.
- **Special solutions for individual needs:**  
From lubricants from industrial sectors to specific customized solutions, we provide you with the right solution to your challenge.



Simplified  
**Lubrication**  
Technology



## SOLVIT - Brand of Premium Lubricants Machining

Fluids have a major impact on the efficiency of metalworking plants. Product selection, correct application and regular maintenance process, adapted to the specific production process, can increase the cost efficiency of production and guarantee a safe working environment.

Our metal working fluids offer significantly improved tool life, cutting efficiency, surface finish, rust prevention and fluid life, thus making the manufacturing process more efficient. Cutting fluid technology can enormously improve surface finishes, component cleanliness and accuracy, such that costs for post-production operations can be reduced. In addition to this, SOLVIT has a wide range of high performance cutting fluids. Our developments have created a safer working environment for users, reducing bacterial attack, skin sensitivity, smoke and fumes.



Robust Research  
& Development



Strong Customer  
Focus



Stringent Quality  
Control



Global Brand



More savings



Eco-friendly



Higher  
productivity



More satisfied  
employees



Less  
maintenance



## Soluble Cutting Oils

### SOLVIT Cutsol

Solvit Cutsol is recommended for multi-tool set-ups in profile grinding, where the stable emulsion enables cutting tools to perform satisfactorily. For stable emulsion jigs, fixtures and components to be seen during operations. This product, thus offers better scope for manufacturing components to the correct dimensional tolerances.

### Wide Variety of Applications

**Cutting:** (separation of metal from a work piece in the form of chips) e.g. Milling, Turning, Boring, Drilling, etc.

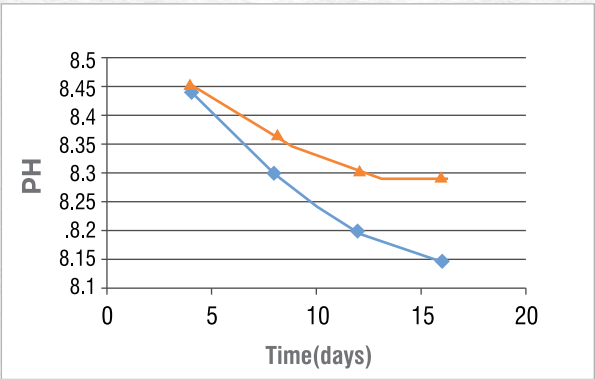
**Metal Forming:** (changing the shape of a work piece by a pressure) e.g. Rolling, Forging, Extrusion, Drawing, etc.

**Abrading:** (rubbing away the surface by friction) e.g. Grinding, Lapping, Polishing.

### SOLVIT Cutsol Pro

Solvit Cutsol Pro is premium soluble cutting oil recommended for higher hardness and equipped with higher additive dosage to improve emulsion stability and exceptional lubricity characteristics.

### pH Drop Analysis



—▲— Solvit Cutsol Pro  
—◆— Market General Product



Excellent Tool Life



Wide Variety of Applications



Multi Metal Compatibility



## Synthetic & Semi Synthetic

- **Solvit Cutsol Super**

Semi Synthetic metalworking fluid specifically designed for Cast Iron, SS & MS.

- **Solvit Cutsol Super Plus**

Premium Grade Semi Synthetic with better emulsion stability at higher hardness levels applicable for Ferrous Alloys

- **Solvit Evocut**

Semi Synthetic grade with cutting edge emulsifier technology - provides excellent anti-wear characteristics for ferrous alloys

- **Solvit Evocut Multi**

Premium Grade Semi Synthetic with higher oil content applicable for all metallurgies including aluminum and aluminum alloys

- **Solvit Cutsol Premium 90**

Fully Synthetic Metalworking Fluid - Mineral oil free, Synthetic ester based technology to provide excellent cooling and lubricity. Applicable for ferrous & ferrous alloys

- **Solvit UniSyn Pro**

Premium Grade Fully Synthetic Metalworking Fluid Applicable for all metallurgies including Aluminum & its alloys

ECO  
Friendly



Operator  
Friendly





## Neat Cutting Oils

- **Solvit Broach Oil 17**

Broaching Oil with active Sulphur & Chlorine content for high EP load and excellent surface finish - VG 17

- **Solvit LubriHobb 22/32**

High quality oils for Gear Hobbing equipped with ester based technology - VG 22/32

- **Solvit SmoothHone 7**

Premium quality Honing Oil for excellent surface finish in honing application - VG-7

- **Solvit SparkFluid 2**

Low viscosity EDM oil for Electric Discharge Machining with excellent oxidation stability for longer sump life

- **Solvit Eco Drill FA/Cu**

Gun drilling oil equipped with high quality Anti-wear additives and EP additives to deliver absolute performance - VG 12

- **Solvit ST Cut 10/12**

Cutting Oils for light duty machining like grinding, turning, shaping, etc. - VG 10/12

- **Solvit Punchol 60**

For Aluminum Fin Punching application. Low viscosity and residue free technology - VG 2

- **Solvit Mist Oil**

High performance blend is designed for fog or mist lubricants of machine components such as bearings, gears, chains and slideways





## Rust Preventive & Cleaners

- **Solvit Rustol**

Dewatering type Rust Preventive -Specifically designed for tube mill industries.

- **Solvit ProRust MO 6**

Solvent based rust preventive for long term rust protection for six month rust protection

- **Solvit Rustol Pro 48**

Premium grade Dewatering type Rust Preventive with medium to long term rust protection

- **Solvit Pro Rust AFR**

Rust Preventive Oil specifically designed for Acid Fume Resistance, where acid pickling plant existed

- **Solvit Aqua Metilo**

Aqueous Alkaline Cleaner, Water soluble, low foaming, suitable for component cleaning and Ultrasonic machines

- **Solvit Hyssol 80**

Solvent based, High flash, odorless cleaner for component cleaning. Effective against dirt, oil and greases

- **Solvit Hyssol 40**

Solvent based, low flash cleaner. Effective against dirt, oil and greases

### Component Cleaning



# Revolutionary Lubricant Technology

## Slideway Lubricants

- **Solvit Way Lube: 32/46/68**

Way Premium series for all sliding applications equipped with high quality lubricity and anti-wear additives to protect tracks from wear

## Industrial Gear Oil Series

- **Solvit Geartron Series**

Industrial Gear Oil series with high quality gear oil additives to deliver the excellent performance under heavy shock load conditions. Recommended for Industries Gear boxes.

- **Solvit GearPro Series**

Fully Synthetic Gear Oils based on PAOS for excellent thermal and oxidation stability which outlast any other type of gear oil

## Hydraulic Oil Series

- **Solvit Hydra GM Series**

Hydraulic Oil for General purpose use. Based for highly refined base stock for excellent performance in hydraulic system

- **Solvit Hydra AW Series**

High quality Hydraulic oil with Solvent Neutralized Base stock and high performance additives for protection of hydraulic systems

- **Solvit Hydra HLP Series**

Premium quality hydraulic oil with Hydra treated premium base oils and high quality additive to show seal compatibility along with variety of OEM approvals



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