TRIM® OSA

High-lubricity, Clear Sulfur Oil Additive

TRIM OSA is a clear oil additive containing inactive sulfur. OSA has outstanding lubricity in all circumstances and provides extreme pressure anti-weld at high speeds and loads.

Additives



The troubleshooters:

As cutting and grinding fluids can start to break down over time, tank-side additives can solve a number of problems. There are TRIM tank-side additives compatible with most coolants to extend tap and tool life, improve mechanical lubricity, control built-up edge, prevent stained parts, control foam, stabilize the emulsion, and replenish dye.

Whatever your problems and concerns, ask your TRIM specialist if a tank-side additive could be the answer.

Choose OSA:

- Use as an additive to straight grinding oils, will reduce heat, misting, and allow increased feed rates in creepfeed applications
- Extend the life of thread-forming taps and thread-rolling dies
- Use in Swiss-type screw machines using solid carbide bushings to dramatically increase bushing life
- Compatible with all TRIM straight oils and TRIM TAP LIGHT, TRIM TAP HEAVY, and TRIM TAP NC

OSA especially for:

Applications — Swiss-style screw machines, thread forming, and thread rolling

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

TRIM® OSA

High-lubricity, Clear Sulfur Oil Additive

Application Guidelines

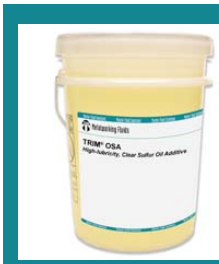
- For additions to straight cutting oils in screw machine operations, a starting rate of 5% is recommended.
- For very high lubricity tasks such as thread rolling, try starting at 20%.
- For grinding operations a starting rate of 10% is recommended.
- Additions of OSA can be made to recycled oil to restore desirable properties. The add rate will vary and should be determined by experience; however a good starting point might be 1%.
- There is no maximum rate; OSA can be used straight for very high-lubricity tasks such as large thread forming taps in tool steel.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

Physical Properties Typical Data

Color (Concentrate)	Slightly yellow
Odor (Concentrate)	Slightly acrid
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 212°F



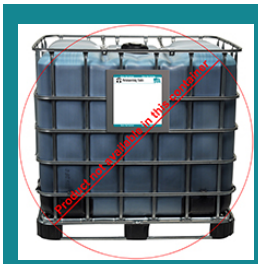
1-gallon jug
SKU: OSA-1G
UPC-12: 641238002529



5-gallon pail
SKU: OSA-5G
UPC-12: 641238006237



54-gallon drum
SKU: OSA-54G
UPC-12: 641238002512



270-gallon tote
SKU: OSA-270G
UPC-12:

Additional Information

- Use Master STAGES™ Whamex™ for a quick and thorough precleaning of your machine tool and coolant system.
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
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