



TRIM[®] OSA

High-lubricity, Clear Sulfur Oil Additive

GENERAL DESCRIPTION

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. Some significant uses of OSA include:

- As an additive to straight grinding oils, will reduce heat, misting, and allow increased feed rates in creepfeed applications.
- Has been used with great success to extend the life of thread-forming taps and thread-rolling dies.
- In Swiss-type screw machines using solid carbide bushings, dramatically increases bushing life.
- Compatible with all TRIM[®] straight oils and TRIM[®] TAP LIGHT, TRIM[®] TAP HEAVY, and TRIM[®] TAP NC.

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 neat for very high lubricity tasks such as large thread forming taps in tool steel.

HEALTH & SAFETY

- See the most recent SDS at 2trim.us/s/?i=1093-en-US-US.



TECHNICAL ASSISTANCE

- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our website at www.masterchemical.com.

NOTES

- Packaging: North America – 1-gallon jug, 5-gallon pail, 54-gallon drum, and 270-gallon tote bin.
- Packaging: Europe/Asia – 20-litre pail, 204-litre drum, and 1000-litre IBC.

PHYSICAL PROPERTIES (TYPICAL DATA)

Form.....	Liquid	Odor.....	Mild sulfur
Color (Concentrate)	Pale yellow	Flash Point.....	280°F (138°C) (ASTM D93)

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