

COMPOUNDED STEAM CYLINDER OIL 1000+

Product Code: STO006 | **Revision:** 20250627



SCO1000CTRO

Available Pack Sizes



Applications

A compounded steam cylinder oil formulated from a blend of solvent refined mineral oil and unique additive technology to offer improved corrosion resistance and lubricity to protect components from premature wear. The fatty compounding enables the oil to form an emulsification in the presence of moisture whilst retaining a consistent and strong lubrication film, this allows the lubricant to disperse where it can adhere to steam cylinders and internal surfaces.

Recommended by Aztec Oils as suitable for the following applications

Compounded lubricants are not recommended for use where the condensate is to be recovered. Designed for high steam temperatures, pressures, and dry superheat steam conditions. For use with steam locomotives operating on preserved lines, traction engines, steam rollers and stationary engines. This product may be used for the lubrication of industrial gears and bearings where the use of an EP containing product would result in staining.

Benefits

- Does not damage paintwork or cause staining on phosphor bronze, brass or copper fittings.
- Exceptional lubricity, even at elevated temperatures.
- Offers excellent corrosion resistance.
- Promotes low carbonisation of cylinders and pistons.
- Provides a robust lubricating film to protect valves and cylinders.
- Steam temperature – over 290°C (550°F)
- Boiler pressure – over 250PSI

Typical Test Data

Appearance		Dark amber/brown
Density @ 15°C (kg/m ³)	ASTM D4052	0.900
Flash Point (°C)	ASTM D92	300
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	1000
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	50
Viscosity Index	ASTM D2207	95

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

Health, Safety & Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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