

COMPOUNDED STREAMLINE CYLINDER OIL

Product Code: STO033 | **Revision:** 20250627



Compounded steam cylinder oil for locomotive's operating on the mainline.

Available Pack Sizes



Applications

A compounded steam cylinder oil designed for Sentinel S-Type waggons and locomotives operating on the mainline where superheat conditions are sustained for prolonged periods. Specifically formulated from a blend of high-quality base oils and specialised technology to promote a very low carbonisation tendency. 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

Designed for high steam temperatures, pressures and dry superheat steam conditions. For use with Sentinel S-Type waggons and steam locomotives operating on the mainline. Compounded lubricants are not recommended for use where the condensate is to be recovered.

Benefits

- Does not damage paintwork or cause staining on phosphor bronze, brass or copper fittings.
- Exceptional lubricity, even at elevated temperatures.
- Low carbonisation throughout cylinders, pistons and valves.
- Offers excellent corrosion resistance.
- 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		Light amber/brown
Density @ 15°C (kg/m ³)	ASTM D4052	0.89
Flash Point (°C)	ASTM D92	300
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	825
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D 445	53
Pour Point (°C)	ASTM D97	-16
Viscosity Index	ASTM D 2207	118

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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