
147 STEAM CYLINDER OIL

Steam Cylinder Oil is a extra high performance high viscosity, compounded extreme pressure lubricant that is recommended for use in all high pressure wet or saturated content steam cylinder and steam engine applications.

Steam Cylinder Oil can also be used in enclosed worm gear applications operating at moderate to high speeds and temperatures, and where heavy loads, slow speeds or high temperatures require the use of a high viscosity oil.

Steam Cylinder Oil is formulated with the highest quality solvent refined and severely hydrofinished high viscosity base stocks, acidless tallow oil and rust & corrosion inhibitors to provide the following performance benefits:

- **PERFORMANCE**
 - A naturally high viscosity index
 - Excellent film strength and integrity at high temperatures
 - Excellent wettability and atomizing properties
 - Very good sealing film properties—around rods and in glands of steam applications
 - Ability to cling to and stay on metal surfaces
- **DEPOSIT PROTECTION**
 - Excellent thermal and oxidative stability
 - Excellent resistance to high temperature degradation
 - Excellent resistance to the build-up and formation of harmful deposits caused by the high temperature operations of steam cylinders
- **WEAR PROTECTION**
 - Excellent lubricity to prevent wear
 - Extreme pressure, anti-wear and low-friction properties
 - Non-corrosive to yellow metals such as copper, brass or bronze
 - Rust and corrosion inhibition
 - Excellent resistance to foaming
- **WATER HANDLING**
 - Excellent resistance to water washout
 - Excellent water separation

Steam Cylinder Oil can be applied both by drip feed cups and force feed mechanical lubricating devices.

TYPICAL PROPERTIES

ISO Grade	460
AGMA Grade	7, 7 Comp
Specific Gravity	0.9058
API Gravity 60°F (ASTM D287)	25-26
Viscosity 100°F SUS (ASTM D445)	2173-2477
Viscosity 40°C cSt (ASTM D445)	414-460
Viscosity 100°C cSt (ASTM D445)	29.00-31.00
Viscosity Index (ASTM D2270)	97
Flash Point °F/°C (ASTM D92)	565°/296°
Fire Point °F/°C (ASTM D92)	590°/310°
Pour Point °F/°C (ASTM D97)	10°/-12°
Copper Strip Corrosion Test (ASTM D130) 3 hours	1a
% Compounding	10