



Steam Cylinder OilTM

SAPON-A-MIN1000 COMPOUNDED CYLINDER OIL (ISO1000)

10% Compounded 100% Loss Lubricant

For Dry, Saturated Steam and Superheated Steam over 160 psi and less than 650° F*

Green Velvet Steam Cylinder Oil® is formulated specifically for steam engine lubrication by reciprocating steam power engineers. It is custom blended to exacting standards so it will perform consistently day after day in most kinds of engine service.

SAPON-A-MIN1000 Compounded Cylinder Oil is intended for moderate pressure and superheat conditions that create light water washing effects caused by condensation forming in the cylinders during light, intermittent operation. During operation that develops moderate superheat temperatures compounding components are designed to evaporate with negligible deposits while the high viscosity mineral base oil maintains an adequate lubricating film on hot rubbing surfaces. When properly atomized and dispersed in the steam at the engine inlet SAPON-A-MIN1000 forms an efficient lubricating film, thus reducing friction and gauling in the cylinders and valve chests.

SAPON-A-MIN1000 allows a conservative feed rate at higher steam temperatures while maintaining good lubrication performance. Where little or no superheat reaches the cylinders SAPON-A-MIN1000 is not susceptible to good separation from exhaust condensate that will be returned to the boiler as feed water. Where condensate purity in exhaust traps, condensers and hotwells is critical a lighter compounding or straight mineral cylinder oil fed at higher feed rates may be required.

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Typical Specifications

Base Oil:	Paraffinic Base Stock/Thickener Blend
Compounding:	5% Acidless Fixed Oil (Animal derived)
Additives:	Film/surface modifiers for 100% loss lubrication
Color:	Opaque Dark Green
Viscosity:	ISO1000
Flash Point:	600° F C.O.C.
Carbon Residue:	1.90% Conradson

The chemical, physical and physiological properties of this product have not been fully investigated and it's handling, mixing with incompatible chemicals, or use may be hazardous. The product is for industrial use only. Do not ingest. Keep away from children. Material safety data sheets are available upon request.

No warranties, expressed or implied including patent warranties, or warranties of merchantability of fitness of use, are made by Lubrication Specialties Corporation with respect to products described or information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

Green Velvet Steam Cylinder Oil® is manufactured and marketed by:

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