



# Steam Cylinder Oil<sup>TM</sup>

## **SAPON-A-NON1500 NON-COMPOUNDED CYLINDER OIL**

ISO1500 Non-compounded 100% Loss Lubricant

For Superheated Steam over 200 psi, 700°F maximum temperature and with superheat in the exhaust\*

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-NON1500 Non-compounded Cylinder Oil is intended for condensing and non-condensing, high temperature steam engines. It will establish efficient films in the valve chests and cylinders where high pressure, high temperature superheated steam conditions ensure dry, difficult to lubricate conditions. When properly atomized and dispersed in the steam at the engine inlet SAPON-A-NON1500 resists thermal breakdown, spreads and wets the running surfaces quickly and helps form an efficient lubricating film, thus reducing friction and galling in the valve chests and cylinders. SAPON-A-NON1500 utilizes a high viscosity base oil blend that builds a tough lubricating film and withstands higher steam pressures at and beyond 200 psi.

SAPON-A-NON1500 should not be used at pressures below 200 psi and typically should be used at 250 psi or higher in large cylinders (bores of 8" or more). The elimination of compounding in SAPON-A-NON1500 allows a conservative feed rate with good lubrication performance and ensures complete separation from the exhaust condensate in condensing plants

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#### Typical Specifications

Base Oil:	Paraffinic Base Stock/Thickener Blend
Compounding:	None
Additives:	Film/surface modifiers for 100% loss lubrication
Color:	Opaque Dark Green
Viscosity:	ISO1500 (SAE250+)
Flash Point:	600° F C.O.C.
Carbon Residue:	1.60% 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.

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