



LUBRICANTS



# Product Data Sheet

## Cylinder Oil

### Compounded steam cylinder oil

High quality “steam cylinder” and worm gear type lubricant. They are compounded with a special fatty oil that provides an excellent adhesion and lubrication under wet conditions encountered with saturated steam and compression of “wet” gas.

### Features and Benefits

- Good thermal resistance and oxidation stability
- Effective lubrication and corrosion protection when subject to heavy steam-washing conditions

### Applications

- Recommended for the lubrication of reciprocating steam engines over a wide range of saturated steam pressures and temperatures
- Lubricant for gas compressors having separate cylinder lubrication systems especially recommended under wet conditions
- Suitable for lubricating worm gear reducers (bronze to steel gear)
- Slow moving plain or antifriction type bearings
- Enclosed chain drives
- Certain low speed and enclosed gear drives

### Typical Properties

ISO Grade	Test Method	460	680
Product Code		334701	334703
AGMA Number		7 comp	8 comp
Viscosity, cSt @ 40°C	ASTM D-445	450	680
Viscosity, cSt @ 100°C	ASTM D-445	29.5	37.5
Viscosity Index	ASTM D-2270	97	97
API Gravity	ASTM D-1298	21.7	21.7
Flash Point, COC, °F	ASTM D-92	510	535
Fire Point, COC, °F	ASTM D-92	600	610
Pour Point, °F	ASTM D-97	15	20
Fatty Oil %		5	5

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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