

Product Data Sheet

Tivano HVI

Description and Applications

Saheli Tivano HVI oils are high quality, high viscosity oils containing fatty compounds intended for lubrication of heavy duty industrial bearings, low speed enclosed gears, worm gears and steam cylinders working under high temperature-high pressure conditions. It is formulated from high quality base stocks and compounded with fatty material to provide effective lubrication under wet conditions encountered in steam cylinders and excellent wear protection in bearings and worm gears. It is available in three ISO Viscosity grades viz. **460, 680 and 1000**.

Features and Benefits

- Excellent film strength to provide wear protection.
- Excellent lubrication of steam cylinders.
- Yellow metal protection.
- Protection from steam condensate.

Applications

- Lubrication of steam cylinders in low (ISO VG 460) and high (ISO VG 680 and 1000) pressure saturated steam systems and moderate superheat systems.
- Heavy-duty industrial bearings with bath or pressure circulation systems.
- Enclosed gears operating under low speed and moderate load conditions.
- Worm gears.

Specifications

- Cincinnati Lamb P-39
- AGMA 9005 – D94

Test Parameters	Test Method	Typical Results		
		460	680	1000
ISO VG				
Density @ 15°C gm/cm ³	ASTM D 1298	0.915	0.918	0.921
Viscosity Index	ASTM D2270	99	97	93
Viscosity @ 40°C (cSt)	ASTM D 7042	464.5	687.3	993.2
Pour Point °C	ASTM D 97	-6	-3	-3
Flash Point (COC) °C	ASTM D 92	266	270	282
Rust Prevention	ASTM D 665/B	Pass	Pass	Pass