

Cyl

Steam engine cylinders

APPLICATIONS

- Cyl oils are pure mineral oils for lubricating steam engine cylinders where condensate is recycled:
 - saturated steam: grades 460 and 680.
 - superheated steam: grade 1000.
- They are also used for lubricating heavy machinery exposed to high temperatures.

ADVANTAGES

- High natural viscosity index.
- Good compatibility with seals.
- High ignition point.
- Benefits from advanced refining.
- Low carbon residue.

SPECIFICATIONS

- ISO 12925-1-CKB
- ISO 6743-12-Q
- DIN 51510-2A (VG 460, VG 680) - 2B (VG 1000).

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Cyl		
			460	680	1000
Density at 15°C	kg/m ³	ISO 3675	905	921	931
Viscosity at 40°C	mm ² /s	ISO 3104	460	680	1000
Viscosity index	-	ISO 2909	95	94	96
Pour point	°C	ISO 3016	-9	-9	-9
Open cup flash point	°C	ISO 2592	300	306	310

For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sds.totalms.total.com>