



CANTHUS* offers the following features and benefits:

- ◆ **High viscosity for heavy, slow-moving equipment**
- ◆ **Suitable for steam cylinders**
- ◆ **Excellent demulsibility**
- ◆ **Good natural oxidation stability**

Primary Applications

CANTHUS is the brand name for a line of straight mineral, paraffinic lubricating oils manufactured in a range of relatively high viscosities and serving as economical lubricants for heavy industrial machinery. Because of its high viscosity, CANTHUS is recommended principally for heavy, slow-moving equipment. It is well suited for large gears and plain bearings that do not require a compound oil. Parts such as these may be found in crushers, shakers, screens, sugar mills, and logging machinery. Since CANTHUS is available only in the higher viscosity range, it should be used primarily where bearing temperature or pressure is high, or where excessive oil consumption dictates a heavier oil. As an uncompounded steam cylinder oil, CANTHUS separates readily from the condensate, and is suitable for use with dry steam or where water-washing of the cylinder walls is not detrimental to lubrication.

CANTHUS can also be employed as a heat-transfer oil, tempering oil, and forging compound.

Performance Features

CANTHUS separates readily from entrained water and serves, in some cases, as a steam cylinder lubricant. CANTHUS has good natural oxidation stability and can be used in enclosed gear units and circulating systems that require an oil of high viscosity.

Note: This product is not controlled under Canadian WHMIS legislation.

Precautions

CANTHUS is manufactured from high quality petroleum base stocks, carefully blended with selected soaps and additives. As with all of our products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. High-pressure injection of any grease under the skin can cause serious delayed soft tissue damage and should be treated immediately by a physician. To avoid injection injuries, inspect greasing equipment regularly for worn hoses and fittings. Keep fingers away from the nozzle and ensure the nozzle is firmly in place before discharging the grease. Please refer to the Material Safety Data Sheet for further information.

Typical Properties

CANTHUS GRADE	680
ISO viscosity grade	680
Gravity, °API specific	22.0 0.927
Viscosity, cSt @ 40°C cSt @ 100°C	694 36.9
Viscosity index	83
Flash point, °C °F	280 535
Fire Point, °C °F	318 605
Pour point, °C °F	-9 15
Conradson carbon, %	3.3
Neutralization No.	0.23

The values shown here are representative of current production. Some are controlled by manufacturing specifications, while others are not. All may vary within modest ranges.