



Lube Control Pty Ltd



Product Data Sheet

Magna™ CL Range

Gas compressor lubricant

Description

Castrol Magna CL 460 (previously called Castrol Cresta™ VA) is a compounded oil suitable for cylinder lubrication in reciprocating type gas compressors dealing with “wet” petroleum gases.

Magna CL 1000 (previously called Castrol Cresta™ SHS) is formulated from selected base cylinder stocks to achieve the desirable characteristics of high flash point and oxidation stability. It possesses good demulsibility, which means for the lubrication of the cylinders of high speed, totally enclosed steam engines, it does not materially reduce the demulsibility of the crankcase oil.

Application

- Magna CL 460 is formulated for the cylinders and bearings of older type gas engines. It is blended with fatty agents (in other words “compounded”). The compounding agent provides improved load carrying properties and thus enables the oil to be used for other duties, particularly where higher loads occur or where moisture is present.
- Magna CL 1000 is designed for lubrication of steam engine cylinders and valves. It is also suitable for other purposes, such as the lubrication of heavily loaded slow-moving bearings and gears. It is also suitable for condensing engines using high pressure steam up to 200psi and superheat up to 345°C.



Typical Characteristics

Name	Method	Units	Magna CL 460	Magna CL 1000
Appearance	Visual	-	Dark Viscous Liquid	Dark Brown Fluid
Flash Point - open cup method	ASTM D92 / ISO 2592	°C	267	-
Flash Point - closed cup method	ASTM D93 / ISO 2719	°C	-	260
Kinematic Viscosity at 40°C / 104°F	ASTM D445 / ISO 3104	mm²/s	460	1000
Kinematic Viscosity at 100°C/ 212°F	ASTM D445 / ISO 3104	mm²/s	28.7	44
Pour Point	ASTM 97/ISO 3016	°C	-3	-
Viscosity Index	ASTM D2270/ISO 2909	-	88	80
Relative Density at 29.5°C	ASTM D1298/ISO 3675	kg/m³	910	-
Density @ 20°C / 68°F		kg/m³	-	920

Subject to usual manufacturing tolerances.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 600C, exposed to hot sun or freezing conditions.

This product was previously called Cresta VA. The name was changed in 2015.

Magna™ CL Range
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