



Product Data

CDX 30

Crosshead engine system oil

Description

Castrol CDX 30 is a premium alkaline system lubricant suitable for use in the crankcase of low speed marine crosshead engines.

Application

CDX 30 is primarily designed for use in modern, highly rated marine crosshead type diesel engines, including the latest generation of "camless" or electronic engines.

Advantages

- Good demulsibility, water tolerance and separation with regard to seawater and fresh water ingress.
- Good thermal stability and oxidation resistance which are of particular importance with oil cooled pistons.
- High level of corrosion resistance against contamination from fresh water and sea water.
- Excellent load carrying properties (requirements when engine applications includes booster and power take-off systems).
- Detergents to maintain piston and crankcase cleanliness.
- Excellent hydraulic oil properties when used in the operating systems of the latest "camless" or electronic engines.

Product Performance Claims

CDX 30 is approved as a system lubricant by all major manufacturers of crosshead type marine diesel engines and by leading stern tube manufacturers.

Typical Characteristics

Name	Method	Units	CDX 30
Density @ 15°C, Relative	ASTM D1298	g/ml	0.890
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	11.5
Base Number, BN	ASTM D2896	mg KOH/g	5.0
Pour Point	ASTM D5985	°C	-12
Flash Point, PMCC	ASTM D93	°C	>190
FZG Gear Test (A/8.3190)	DIN 51354	FLS	12
SAE Grade			30

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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 60°C, exposed to hot sun or freezing conditions.

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