



Cyltech 100

Crosshead Engine Cylinder Lubricant

Description

Castrol Cyltech 100 is a premium marine diesel engine cylinder lubricant specifically developed to provide protection against corrosive wear. With a base number (BN) of 100 the product provides a higher level of engine protection than cylinder oils with a lower BN (e.g. 70 BN products). The high BN is achieved by a careful balance of detergents that optimise cleanliness performance

Application

Cyltech 100 is suitable for the cylinder lubrication of the latest super long stroke crosshead engines burning residual fuels, and in particular whilst slow steaming and using medium and high sulphur fuels.

Depending on the engine condition, it may be suitable for use with 2014 ECA compliant fuel with 1% sulphur for short periods only. Please consult the engine makers for specific advice. For longer term use of low sulphur fuels, especially below 1%, consideration should be given to using Cyltech 40SX.

Advantages

In the severe applications or operating conditions outlined above, Cyltech 100 provides the following advantages when compared to conventional 70 BN cylinder oils:

- Improved protection of liners in engines operating under corrosive conditions.
- Excellent control of piston ring and cylinder liner wear.
- High level of piston, piston ring and cylinder liner cleanliness.
- Helps extend periods between unit overhauls.

Product Performance Claims

Cyltech 100 has a full No Objection Letter from MAN Diesel & Turbo, and is listed in their references for all current engine designs.

Typical Characteristics

Name	Method	Units	Cyltech 100
Density @ 15C, Relative	ASTM D1298	g/ml	0.940
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	19.5
Total Base Number, TBN	ASTM D2896	mg KOH/g	100
Flash Point, PMCC	ASTM D93	°C	186

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

Cyltech 100

09 Oct 2014

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Marine, Technology Centre, Whitchurch Hill, Pangbourne, Reading RG8 7QR, United Kingdom

www.castrol.com/marine