



## 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 ECA compliant fuel with 0.1% sulphur for short periods only. Please consult the engine makers for specific advice. For medium and longer term use of low sulphur fuels below 0.1%, we recommend using Castrol Cyltech ACT.

### 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 full 'No Objection Letters' from MAN Diesel & Turbo, WinGD (Wärtsilä), and MHI (Mitsubishi) 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 <sup>2</sup> /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.

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

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