



## Cyltech 140

Crosshead Engine Cylinder Lubricant

### Description

Castrol Cyltech 140 is a premium marine diesel engine cylinder lubricant specifically developed to provide protection against corrosive wear in modern fuel efficient engines. With a BN of 140 this lubricant provides a higher level of engine protection against corrosive wear than cylinder oils with a lower BN (eg. 100 BN products). The high BN achieved by a careful balance of detergents that also optimize cleanliness performance.

### Application

Cyltech 140 is suitable for the cylinder lubrication of the latest super long stroke crosshead engines burning medium to high sulphur residual fuels under all load conditions.

Cyltech 140 has MAN no objection status for the above applications

Please consult the engine makers for any specific advice.

### Advantages

In the severe applications or operating conditions outlined above, Cyltech 140 provides the following advantages:

- Improved protection of cylinder liners in engines operating under corrosive conditions with lower feed rates compared to 100 BN oils
- Excellent control of piston ring and cylinder liner wear
- Provides a high level of piston and piston ring zone cleanliness
- Helps extend periods between unit overhauls
- Minimizing the volume of lubricant consumed reduces the frequency of lubricant deliveries needed

### Product Performance Claims

Cyltech 140 has 'No objection' status with MAN ES for use under conditions as specified in their current service letters.

## Typical Characteristics

Name	Method	Units	Cyltech 140
Density @ 15C, Relative	ASTM D1298	g/ml	0.97
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	140
Viscosity Index	ASTM D2270	None	133
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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