



Cyltech CL 100 ACC

Premium marine diesel engine cylinder lubricant

Description

Cyltech CL 100 ACC with Advanced Corrosion Control Technology (ACC-Technology™) is a premium marine diesel engine cylinder lubricant specifically developed to provide superior corrosion and wear resistance and a high level of cleanliness for current design engines.

Application

Cyltech CL 100 ACC is suitable for the cylinder lubrication of the latest super long stroke crosshead engines burning residual fuels, and in particular whilst running at variable loads and using medium and high sulphur fuels. The high BN is achieved by a careful balance of detergents that optimise cleanliness performance. Additional anti-wear components are added to counter potential mechanical wear that may occur in the event of transient load conditions.

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.

Features / Benefits

- Allows setting the lowest economical feed rates in engines operating under corrosive conditions.
- Excellent control of piston ring and cylinder liner wear.
- Enhanced formulation for anti-wear performance.
- High level of piston ring zone and cylinder liner cleanliness.
- Helps extend periods between unit overhauls.

Approval Status

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

Technical Data

Name	Method	Units	Cyltech CL 100 ACC
Density @ 15°C, Relative	ASTM D1298	g/ml	0.943
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	19.5
Flash Point, PMCC	ASTM D93	°C	182
Total Base Number, TBN	ASTM D2896	mg KOH/g	99.5
Viscosity Index	ASTM D2270	-	115
Calcium, % wt	ASTM D4951	% wt	3.78
Phosphorus, ppm	ASTM D4951	mg/kg (ppm)	105

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

Packaging and 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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