

# PRODUCT & TECHNICAL DATA

## CASTROL CYLTECH 70 Crosshead engine cylinder oil

### DESCRIPTION

Cyltech 70 is developed to provide superior performance at the higher temperatures and pressures in modern engines.

### APPLICATIONS

Cyltech 70 is a high performance SAE 50 cylinder oil engineered for cylinder lubrication of marine crosshead 2-stroke engines burning residual fuels. It is suitable for the lubrication of the latest super long

stroke crosshead engines, and indeed for all slow-speed marine diesel engines burning residual fuels. It has sufficient alkalinity to combat current levels of fuel sulphur content.

### FEATURES/BENEFITS

In addition to its balanced blend of acid-neutralising and detergent additives, it incorporates an ashless dispersant which assists in maintaining cleanliness of cylinder ports, piston ring zones and

under piston spaces. Formulated against oil breakdown at high temperatures, Cyltech 70 is suitable for a wide range of conditions and engine designs.

### APPROVALS STATUS

Cyltech 70 is approved by all principal manufacturers of crosshead engines for use under conditions as specified in their oil recommendation list.

### CARE AND HANDLING

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

### PACKAGING AND STORAGE

Supplied in bulk and drums of approximately 210 litres. Ensure drums are tightly re-sealed after use.

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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## TECHNICAL DATA

TYPICAL CHARACTERISTICS	UNIT	TEST METHOD	VALUE
Cyltech			70
SAE Grade			50
Density @ 15°C	g/ml	ASTM D4052	0.94
Viscosity @ 100°C	cSt	ASTM D445	19.5
Base Number	mgKOH/g	ASTM D2896	70.0
Closed Flash Point	°C	ASTM D93	>190
Pour Point	°C	ASTM D97	-9 or below

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

## GENERAL ADVICE

Further information on all Castrol Marine lubricants is available from any Castrol Marine office or from:

Castrol Marine      [www.castrolmarine.com](http://www.castrolmarine.com)  
Technology Centre  
Whitchurch Hill  
Pangbourne  
Reading RG8 7QR  
United Kingdom

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