



## Cyltech 50S

Crosshead engine cylinder oil

### Description

Cyltech 50S is a 50BN marine diesel engine cylinder lubricant for two-stroke crosshead engines based on the well proven Cyltech technology. It is suitable for engines using low to moderate sulphur fuels.

### Application

Cyltech 50S is suitable for use in engines on prolonged operation using low-sulphur fuel (heavy fuel < 2.5% S). It is also suitable for use in engines operating on residual fuel with up to 3% sulphur for ship owners who, at their own discretion, wish to use a single cylinder oil when switching between low and medium sulphur fuels. It is also suitable for in-service running-in (distillate or heavy fuel), sea trials and test bed trials.

### Features / Benefits

- Excellent control of piston ring and cylinder liner wear. Superior detergency performance for engine cleanliness.
- Ensures reduced deposits, especially calcium carbonate.
- Higher safety margin against scuffing under prolonged operation on low-sulphur fuel.

### Approval Status

Cyltech 50S meets the requirements of major engine builders for use under conditions as specified in their oil recommendation list.

### Technical Data

Name	Method	Units	Cyltech 50S
SAE Grade			50
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	19.5
Base Number (BN)	ASTM D2896	mg KOH/g	50
Density @ 15°C, Relative	ASTM D4052	g/ml	0.93
Flash Point (PMC)	ASTM D93	°C	>190
Pour Point	ASTM D97	°C	-9 or below

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

### Care and Handling

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

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

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