



## Cyltech 40SX

Crosshead engine cylinder oil

### Description

Castrol Cyltech 40SX is a 40 BN high detergent, premium marine diesel engine cylinder lubricant for two-stroke crosshead engines running on low-sulphur fuels.

### Application

Cyltech 40SX is suitable for prolonged operation on low-sulphur fuel (distillate or heavy fuel < 1.5%), and in many cases for fuels up to 2% sulphur. It is also suitable for in-service running-in (distillate or heavy fuel), sea trials and on the test bed. Corrosion sensitive engines should select higher BN oils, especially for prolonged operation using fuels with above 2% sulphur.

### Advantages

- Excellent control of piston ring and cylinder liner wear.
- Balanced detergency performance for engine cleanliness.
- Reduced deposits, especially calcium carbonate which may result from use of higher BN oils and low sulphur fuel.
- Higher safety margin against bore polishing or scuffing under prolonged operation on low-sulphur fuel, compared with higher BN cylinder oils.

### Product Performance Claims

Cyltech 40SX meets the requirements of MAN and Wärtsilä for prolonged operation on low sulphur fuel under conditions as specified in their current oil recommendation list.

## Typical Characteristics

Name	Method	Units	Cyltech 40SX
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	19.5
Base Number, BN	ASTM D2896	mg KOH/g	40
Density @ 15°C, Relative	ASTM D1298	g/ml	0.918
Flash Point, PMCC	ASTM D93	°C	>190
Pour Point	ASTM D97	°C	-9
SAE Grade			50

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

## 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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09 Oct 2014

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