



## Cyltech 70

Crosshead engine cylinder oil

### Description

Castrol Cyltech 70 is a marine diesel engine cylinder lubricant developed to provide good performance at the higher temperatures and pressures in modern engines.

### Application

Cyltech 70 is suitable for the cylinder lubrication of low speed crosshead engines burning residual fuels. Cyltech 70 can be used with a wide range of fuels with sulphur content typically between 0.1% and 3.5% when feed rates are adjusted appropriately. Please consult the engine makers for specific advice.

Castrol Cyltech ACT should be used with fuels having a sulphur content below 0.1%.

### Advantages

- Excellent performance, even at optimised lubricant feed rates.
- Excellent control of piston ring and cylinder liner wear.
- High level of piston, piston ring and cylinder liner cleanliness.
- Good thermal and oxidative stability.

### Product Performance Claims

Cyltech 70 has full No Objection status with all principal manufacturers of crosshead engines for use under conditions as specified in their current oil recommendation list.

## Typical Characteristics

| Name                       | Method     | Units              | Cyltech 70 |
|----------------------------|------------|--------------------|------------|
| Density @ 15°C, Relative   | ASTM D1298 | g/ml               | 0.934      |
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 19.5       |
| Base Number, BN            | ASTM D2896 | mg KOH/g           | 70         |
| 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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