



Cyltech 40SX

Crosshead engine cylinder oil

Description

Cyltech 40SX is a 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% S), 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 test bed trials. Corrosion sensitive engines should select higher BN oils, especially for prolonged operation using fuels with above 2% sulphur.

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

Technical Data

| Name | Method | Units | Cyltech 40SX |
|-----------------------------|------------|--------------------|--------------|
| SAE Grade | | - | 50 |
| Kinematic Viscosity @ 100°C | ASTM D445 | mm ² /s | 19.5 |
| Total Base Number, TBN | ASTM D2896 | mg KOH/g | 40 |
| Density @ 15°C, Relative | ASTM D4052 | g/ml | 0.92 |
| 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.

Packaging and Storage

Supplied in bulk and drums of approximately 210 litres. Ensure drums are tightly resealed 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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