



## Cyltech 80 AW

Crosshead engine cylinder oil

### Description

Castrol Cyltech 80 AW is a premium marine diesel engine cylinder lubricant with a Base Number (BN) of 80 and anti-wear technology. The product provides protection against corrosive wear of cylinder liners and piston rings of large 2-stroke engines, especially when the vessels are operating under slow steaming conditions.

### Application

Cyltech 80 AW is suitable for the cylinder lubrication of crosshead engines operating on high sulphur residual fuel, typically above 3%. It is also recommended especially when vessels operate under slow steaming conditions when engines operate at reduced power.

### Advantages

- Enhanced protection of liners against corrosive wear and scuffing, especially under slow steaming conditions and optimized cylinder oil feed rates, compared to lower BN products.
- Excellent detergency and dispersancy properties resulting in cleaner piston and liner conditions.
- High level of thermal and oxidative stability.

### Product Performance Claims

Cyltech 80 AW is has full No Objection status with the principal manufacturers of crosshead engines for use under conditions specified in their oil recommendation lists.

## Typical Characteristics

Name	Method	Units	Cyltech 80 AW
Density @ 15°C, Relative	ASTM D1298	g/ml	0.933
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	19.5
Base Number, BN	ASTM D2896	mg KOH/g	80
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.

Cyltech 80 AW

02 Oct 2014

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Marine, Technology Centre, Whitchurch Hill, Pangbourne, Reading RG8 7QR, United Kingdom

[www.castrol.com/marine](http://www.castrol.com/marine)