

DESCRIPTION

The Pyroban Protection System Caterpillar C32 Standard Kit, when fitted to the appropriate engine, is suitable for use in hazardous areas where explosive gases occur (ATEX directive 2014/34/EU).

When properly installed, the kit provides protection to:

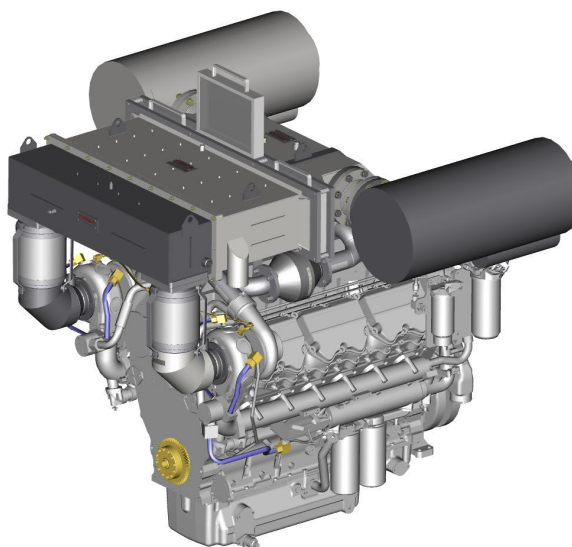
- Equipment Group: II
- Category: 3G
- Gas Group: IIA
- Temperature Class: T3

Conformance to the Temperature Class is dependent on ambient operating temperatures so the installed kit must be tested in a safe operating zone before use in a hazardous area.

For ambient operating temperatures above 45°C consult your customer services representative.

For further information refer to the Offshore Installation Manual OG003.

THIS EQUIPMENT MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE PYROBAN OFFSHORE INSTALLATION MANUAL. FAILURE TO OBSERVE ANY INSTRUCTIONS IN THIS DATA SHEET MAY INVALIDATE ANY WARRANTY AGREEMENT



TECHNICAL DATA

The Pyroban Protection System Caterpillar C32 Standard Kit comprises inlet and exhaust protection and is compatible with the following engine types:

| | |
|-----------------------|---------------------|
| Engine Make | Caterpillar |
| Engine Model | C32 |
| Engine Performance | 1110 bhp @ 2100 rpm |
| Engine Feature Codes* | C32DW46 |

(*Other engine feature codes may be applicable, please contact customer services or your engine dealer for confirmation)

Pyroban Protection System Caterpillar C32 Standard Kit technical details:

| | |
|--|----------|
| Heat Rejection to Coolant | 412 kW |
| Coolant Volume of Pyroban Parts | 67 ltrs |
| Exhaust System Pressure Drop | 6.5 kPa |
| Maximum Ambient Operating Temperature | 45°C |
| Spark Arrestor Noise Attenuation | 18 dB(A) |
| Approximate Mass of Pyroban System (Dry) | 1056 kg |
| Approximate Mass of Pyroban System (Wet) | 1123 kg |

Details of Variations:

| | |
|---------------------------|---------------------------------------|
| MECCATC32:1110:21:OH:STD | Standard kit without spark arresters. |
| MECCATC32:1110:21:OH:STD1 | Standard kit with spark arresters. |

ORDERING SPARE PARTS

Use only genuine Pyroban parts. Order spares or replacement parts directly from Pyroban quoting the Pyroban Part Number. Note that fitting of incorrect parts may invalidate certification.

DECLARATION OF CONFORMITY

We, Pyroban Limited, 23 Dolphin Road, Shoreham-by Sea, Sussex, BN43 6PB, UK, declare that the component mentioned in this data sheet has been designed and manufactured in accordance with the essential health and safety requirements of Directive 2014/34/EU (ATEX) inclusive of subsequent amendments.



David Waring CEng MIMechE

Engineering & QHSE Manager

OTHER INFORMATION

Nothing contained in this brochure is intended to extend any warranty or representation, expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Pyroban's standard terms and conditions of sale for such products, which are available upon request. Specifications and machinery may be altered without notice at any time.

CONTACTS

Pyroban Limited
23 Dolphin Road
Shoreham-by-Sea
W. Sussex BN43 6PB United Kingdom

Telephone:
+44 (0) 1273 456800

Email:
info@pyroban.com

www.pyroban.com