

# Caterpillar - 3512 DITA

|             |   |
|-------------|---|
| STATUS      | Available                                 |
| REF. NUMBER | M2495                                     |
| MANUFACTURE | Caterpillar                               |
| TYPE        | 3512 DITA                                 |
| ENGINE NO.  | Serie 24Z03971                            |
| HP          | 1680                                      |
| RPM         | 1800                                      |
| YEAR        | 1991-2012                                 |
| VESSEL      | Western Patriot                           |
| REMARKS     | Caterpillar 3512 DITA "No 1". From genset |





| OPERATING LIMITS<br>AT RATED SPEED AND LOAD |                                 |
|---|---------------------------------|
| JACKET WATER TEMPERATURE                    | 175°-210° F<br>79°-99° C        |
| AIR CLEANER RESTRICTION                     | 30 IN. H <sub>2</sub> O MAX     |
| FUEL FILTER PRESSURE DIFFERENTIAL           | 7.5 kPa MAX<br>15 PSI MAX       |
| OIL FILTER PRESSURE DIFFERENTIAL            | 105 kPa MAX<br>15 PSI MAX       |
| EXHAUST STACK TEMPERATURE                   | 250<br>450 °F MAX<br>233 °C MAX |
| MANIFOLD AIR TEMPERATURE                    | 115 °C MAX                      |
| ENGINE OIL TEMPERATURE                      | 230 °F MAX                      |
| ENGINE OIL TEMPERATURE                      | 110 °C MAX                      |
| ENGINE OIL PRESSURE                         | 40 PSI MIN<br>275 kPa MIN       |
| FUEL PRESSURE                               | 50-75 PSI<br>345-520 kPa        |
| TRANSMISSION OIL TEMPERATURE                | °F<br>°C                        |
| TRANSMISSION OIL PRESSURE                   | PSI<br>kPa                      |
| ENGINE SERIAL NUMBER                        | 24703971                        |

REFER TO THE OPERATION GUIDE FOR FURTHER INFORMATION.



