

# Operation/Maintenance BFM 1015

## Routine Maintenance



### 5.1 Maintenance Schedule

### 5.2 Maintenance Chart

### 5.3 Completed Maintenance Jobs

# Operation/Maintenance BFM 1015

## Routine Maintenance: Maintenance Schedule



| once after<br>2)<br>50 at 150 | every<br>10 Bh<br>or daily | In Running Hours (Bh) <sup>1</sup> |     |     |                 |                 |  |     | check  |              | see<br>section |
|-------------------------------|----------------------------|------------------------------------|-----|-----|-----------------|-----------------|--|-----|--|--------------|----------------|
|                               |                            | every                              |     |     |                 |                 |  |     | clean  | renew        |                |
|                               |                            | 125                                | 250 | 500 | 1000            | 2000            |  |     | Job  |              |                |
|                               | ●                          |                                    |     |     |                 |                 |  | ●   | Oil level 9)                                       | 6.1.2/ 3.3.4 |                |
| ●                             |                            |                                    |     |     |                 |                 |  | ●   | Visual inspection of engine for leaks              |              |                |
|                               | ●                          |                                    |     |     |                 |                 |  | ●   | Oil bath and dry-type air cleaners 3) 4)           | 6.4.3 /6.4.4 |                |
|                               |                            |                                    | ●   |     |                 |                 |  | ●   | Battery and battery cable connections              | 6.7.1        |                |
|                               |                            | ●                                  | ●   | ●   | ●               | ●               |  | ●   | Cooling system (dep. on engine use) 3) 8)          | 6.3.1/6.3.2  |                |
|                               |                            | ●                                  | ●   | ●   | ●               | ●               |  | ●   | Drain holes in V-space 8)                          | 6.3.1/6.3.4. |                |
| ●                             |                            |                                    | ●   | ●   |                 |                 |  | ●   | Engine oil (dep. on engine use) 5)                 | 6.1.1/ 6.1.2 |                |
| ●                             |                            |                                    | ●   | ●   |                 |                 |  | ●   | Oil filter cartridge                               | 6.1.3        |                |
| ●                             |                            |                                    |     |     | ● <sup>7)</sup> |                 |  | ●   | Fuel filter cartridge and Change Fuel Leakage Line | 6.2.1/ 6.2.2 |                |
| ●                             |                            |                                    |     |     | ●               |                 |  | ●   | Valve clearances (readjust if necessary)           | 6.6.1        |                |
| ●                             |                            |                                    |     | ●   |                 |                 |  | ●   | Engine mounts (retighten if necessary)             | 9.2          |                |
| ●                             |                            |                                    |     | ●   |                 |                 |  | ●   | V-belts (retension if necessary)                   | 6.5.1        |                |
|                               |                            |                                    |     |     |                 | ●               |  | ● ● | Alarm system                                       | 3.3          |                |
| ●                             |                            |                                    |     |     | ●               |                 |  | ●   | Fuel prefilter                                     | 4.2          |                |
| ●                             |                            |                                    |     |     | ●               |                 |  | ●   | Fastening  | 9.2          |                |
| ●                             |                            |                                    |     |     | ●               |                 |  | ●   | Flame-type heater plug system 4)                   |              |                |
|                               |                            |                                    |     |     |                 | ● <sup>7)</sup> |  | ●   | Coolant 6)   | 6.3.2/ 6.3.3 |                |
|                               |                            |                                    |     | ●   |                 |                 |  | ●   | Coolant additive concentration                     | 4.3.2/ 4.3.3 |                |
|                               |                            |                                    |     | ●   |                 |                 |  | ●   | Coolant level                                      | 3.1.4/ 3.3.3 |                |
|                               |                            |                                    |     |     | ●               |                 |  | ●   | Hoses / clamps                                     |              |                |

The specified engine maintenance times are maximum values. Depending on the operating environment, shorter maintenance intervals may be required. Please observe the operating instructions of the equipment manufacturer.

1) Max. permissible guide intervals

2) After commissioning of new or overhauled engines

3) Clean if necessary, see Section 6.3

4) Renew if necessary

Service acc. to service indicator if provided

5) For oil change intervals, see Section 6.1.1

6) Check additive concentration every 500h (antifreeze or chemical corrosion inhibitor)

7) or renew every 2 years

8) System cleaning

9) During run-in period, check 2x daily

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## Routine Maintenance: Maintenance Chart

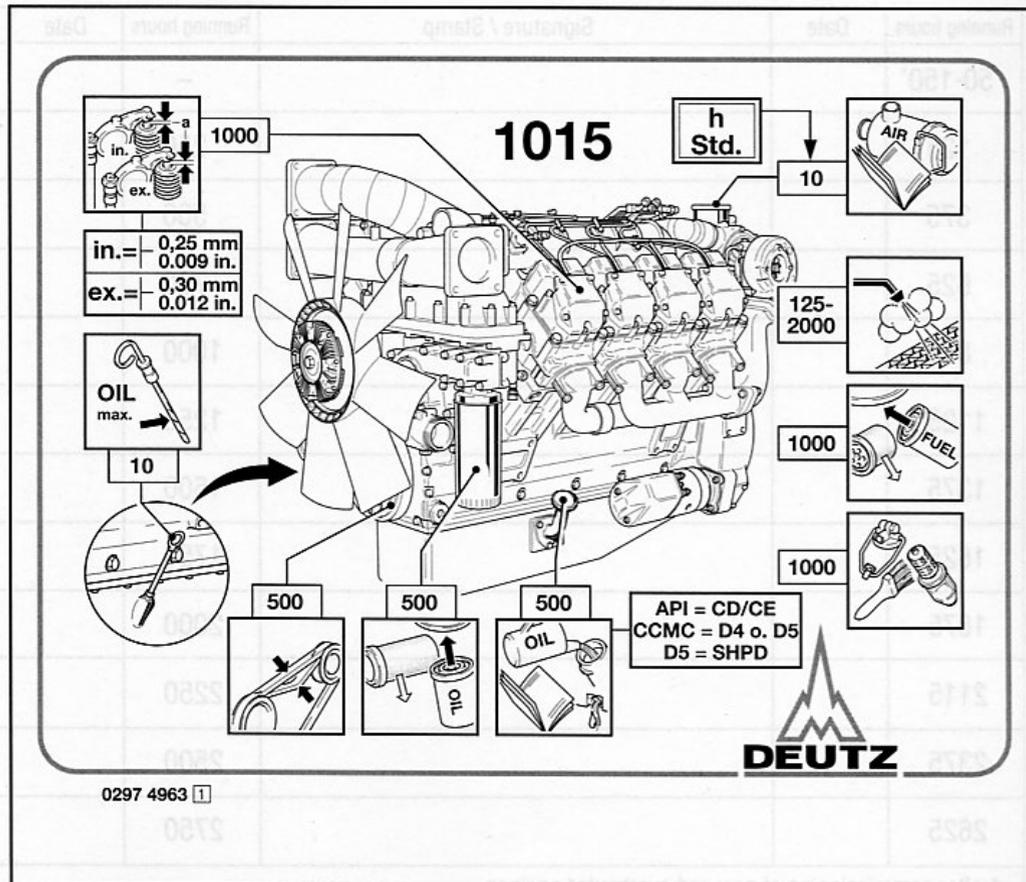


The maintenance chart shown here is supplied as self-adhesive label with each engine. It should be affixed where it can be clearly seen on the engine or driven equipment.

Check that this is the case!

If necessary, ask your engine or equipment supplier for a fresh supply of labels!

Routine maintenance work should be carried out according to the schedule in 5.1.



Stop the engine before carrying out any maintenance work.

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## Routine Maintenance: Completed Maintenance Jobs



| Running hours | Date | Signature / Stamp | Running hours | Date | Signature / Stamp |
|---------------|------|-------------------|---------------|------|-------------------|
| 50-150        |      |                   | -             |      |                   |
| 125           |      |                   | 250           |      |                   |
| 375           |      |                   | 500           |      |                   |
| 625           |      |                   | 750           |      |                   |
| 875           |      |                   | 1000          |      |                   |
| 1125          |      |                   | 1250          |      |                   |
| 1375          |      |                   | 1500          |      |                   |
| 1625          |      |                   | 1750          |      |                   |
| 1875          |      |                   | 2000          |      |                   |
| 2115          |      |                   | 2250          |      |                   |
| 2375          |      |                   | 2500          |      |                   |
| 2625          |      |                   | 2750          |      |                   |

\* after commissioning of new and overhauled engines  
Duly completed maintenance jobs can be recorded and signed off in the above table.

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## Service and Maintenance



**6.1 Lubrication System**

**6.2 Fuel System**

**6.3 Cooling System**

**6.4 Combustion Air Cleaner**

**6.5 Belt Drives**

**6.6 Adjustments**

**6.7 Accessories**