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| **Information about failures** |
| **Owner Manual KDW 502 | 702 | 1003 | 1404 - K-HEM 1003 (Rev. 00)** |



**Registration of modifications to the document**

Any modifications to this document must be registered by the drafting body, by completing the following table.

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| --- | --- | --- | --- | --- | --- | --- |
| **Released by** | **Code** | **Revision** | **Release Date** | **Revision date** | **Edited by** | **Endorsed** |
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**Translated from the original manual in Italian language**

Data reported in this issue can be modified at any time by KOHLER.

Sommario

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# Information about failures

## Useful information about failures

* This chapter contains information about the problems that may appear during engine operation with its causes and trouble shooting  **Tab.** **5.2** .
* In some cases, you shall turn off the engine immediately to avoid further damage  **Tab.** **5.1** .

 **5.1**

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| **THE ENGINE MUST BE IMMEDIATELY TURNED OFF WHEN:** |
| 1 | The engine rpms suddenly increase and decrease |
| 2 | A sudden and/or unusual noise is heard |
| 3 | The colour of the exhaust fumes suddenly darkens |
| 4 | The oil pressure indicator light turns on while running |

**5.2**

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| **TROUBLES** | **POSSIBLE CAUSE** | **SOLUTION** |
| The engine does not start | Sulphated battery terminals corroded | Clean the battery terminals |
| Battery voltage too low | Recharge the battery or replace it |
| Low fuel level | Refuel |
| Frozen fuel | Contact  **KOHLER**  authorised workshops |
| Clogged fuel filter | Replace with a new filter |
| Air suction in fuel system | Contact  **KOHLER**  authorised workshops |
| Clogged air filter | Replace with a new filter |
| Clogged pipes | Contact  **KOHLER**  authorised workshops |
| Open fuse | Replace with a new fuse; if the problem persists, contact  **KOHLER**  authorised workshops |
| Intake or exhaust system clogged | Contact  **KOHLER**  authorised workshops |
| Engine starts but stops | Inefficient electrical connections | Clean the electrical contacts; if the problem persists, contact  **KOHLER**  authorised workshops |
| Sulphated battery terminals | Clean the battery terminals |
| Clogged fuel filter | Replace with a new filter and clean the tank |
| Clogged fuel pipes | Contact  **KOHLER**  authorised workshops |
| RPM instability at idle speed | Clogged fuel pipes | Contact  **KOHLER**  authorised workshops |
| Low idle speed | Clogged fuel pipes | Contact  **KOHLER**  authorised workshops |
| Poor quality fuel | Clean the tank and refuel with quality fuel |
| Blue smoke | High oil sump level | Replace the engine oil; if the problem persists, contact  **KOHLER**  authorised workshops |
| Clogged air filter | Replace with a new filter |
| Excessive fuel consumption | Clogged air filter | Replace with a new filter |
| High oil sump level | Replace the engine oil; if the problem persists, contact  **KOHLER**  authorised workshops |
| Engine lost its initial performance | Clogged air filter | Replace with a new filter |
| Clogged fuel pipes | Contact  **KOHLER**  authorised workshops |
| Cheap fuel | Clean the tank and refuel with quality fuel |
| High oil sump level | Replace the engine oil; if the problem persists, contact  **KOHLER**  authorised workshops |
| Slow acceleration | Clogged fuel filter | Replace the fuel filter |
| Engine jerking | Clogged fuel pipes | Contact  **KOHLER**  authorised workshops |
| Engine overheats | Insufficient coolant level | Fill up to the level |
| High oil sump level | Replace the engine oil; if the problem persists, contact  **KOHLER**  authorised workshops |
| Clogged radiator | Clean the radiator; if the problem persists, contact  **KOHLER**  authorised workshops |

In the event that the solutions proposed in  **Tab.** **5.2** do not eliminate the trouble, contact a  **KOHLER** authorized workshop.

