

# MAN 51/60DF

## Four-stroke dual fuel engine

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|----------------------------|------------------------------------|
| 1 Explosion relieve valve  | 14 Individual cylinder jacket      |
| 2 Gas pipe                 | 15 Cylinder head bolt              |
| 3 High pressure pump       | 16 Flywheel                        |
| 4 Charge air pipe          | 17 Local operating panel           |
| 5 Gas metering valve       | 18 Cylinder crankcase              |
| 6 Fuel injection main pipe | 19 Camshaft                        |
| 7 Inlet valve              | 20 Crankshaft                      |
| 8 Rocker arm               | 21 Lateral crankshaft bearing bolt |
| 9 Cylinder head            | 22 Connecting rod                  |
| 10 Exhaust valve           | 23 Cylinder liner with flamering   |
| 11 Main injection nozzle   | 24 Stepped piston                  |
| 12 Pilot injection nozzle  | 25 Crankshaft bearing cover        |
| 13 Exhaust gas pipe        | 26 Oil pan                         |

