Wärtsilä 38 and 50DF Spare Parts — Liners, Rings, Bearings, Valves and Turbochargers

cBallast Technical Sourcing · Wärtsilä 38 and 50DF engines · issued 2026-10-06 · cballast.com/documents/wartsila-38-50df-spare-parts

Replacement spare parts for Wärtsilä 38 and dual-fuel 50DF engines: catalogue coverage for cylinder liners, piston rings, valve seats and guides, exhaust valves, bearings, injection and turbochargers, plus the dual-fuel-specific points to state in an enquiry.

Two related families

The Wärtsilä 38 (380 mm bore) serves propulsion and auxiliary duty, while the Wärtsilä 50DF is the 500 mm-bore dual-fuel workhorse of LNG carriers and gas-burning tonnage (6L to 18V50DF). cballast.com supplies replacement (OEM-equivalent) spare parts for both families — cylinder liners, piston ring sets, valve seats and guides, exhaust valves, main/con-rod/cam bearings, injection components, head gaskets and turbocharger parts — with worldwide dispatch; genuine Wärtsilä parts are quoted on request. For 50DF, gas-mode components (pilot injection, knock sensing) are quoted strictly against OEM part numbers.

Catalogue coverage

Component | Wärtsilä 38 | Wärtsilä 50DF |

Cylinder liner | W38 liner | 50DF liner |

Piston rings | W38 ring set (STD) | 50DF rings (STD) |

Valve seat | W38 valve seat | on request |

Valve guide | W38 valve guide | on request |

Exhaust valve | W38 exhaust valve | on request |

Main bearing | W38 main bearing | on request |

Con-rod bearing | W38 con-rod bearing | on request |

Camshaft bearing | W38 cam bearing | on request |

Injection pump / nozzle | pump · nozzle | on request (incl. pilot system) |

Head gasket | W38 head gasket | on request |

Turbocharger | W38 turbocharger | 50DF turbocharger |

"On request" components are quoted against the OEM part number — the 50DF parts book is revision-sensitive and the number is the only safe selector. Sister pages: Wärtsilä 46 · Wärtsilä 32.

How to order — what to include in the enquiry

Engine designation and configuration: the full type from the nameplate, e.g. 6L46, 9L46, 12V46 (in-line L or vee V, and cylinder count).

Component and position: inlet or exhaust side for valves, seats and guides; cylinder number where relevant.

OEM part number from the parts catalogue or the old component, when available — it pins the revision exactly.

Size/condition: standard or oversize/undersize for seats, liners and bearings; new, OEM-equivalent or reconditioned acceptance.

Quantity and required delivery (port, yard or works, with the vessel's agent where applicable).

Quotations are answered within 24 hours with price, availability and lead time; dispatch is worldwide. Certificates (EN 10204 3.1, class certificates) are quoted on request — see the certificate guide.

Frequently asked questions

Where can I buy Wärtsilä 50DF spare parts?Replacement parts for Wärtsilä 50DF dual-fuel engines — liners, piston rings, turbocharger parts and, against OEM numbers, valve and injection components — can be ordered from cballast.com by quotation, with worldwide dispatch.What extra information does a 50DF enquiry need?The operating mode context matters: state the engine variant (e.g. 12V50DF), the OEM part number, and for combustion-side parts whether the engine runs primarily gas or liquid fuel — it affects the correct revision.Do you cover the Wärtsilä 38?Yes — liners, rings, valve-train parts, bearings, injection equipment, head gaskets and turbochargers for the W38 family are catalogue items, quoted within 24 hours.

Part numbers and designations are those of the original manufacturers and are given for identification. cBallast is an independent supplier. © cBallast 2026 · cballast.com