Wärtsilä 46 Spare Parts — Valve Seats, Guides, Liners, Bearings and Filters

cBallast Technical Sourcing · Wärtsilä 46 / VASA 46 engines · issued 2026-10-06 · cballast.com/documents/wartsila-46-spare-parts

Replacement spare parts for Wärtsilä 46 and VASA 46 medium-speed engines (6L46 to 18V46): which components the catalogue covers — valve seats and guides, exhaust valves, cylinder liners, piston rings, main/con-rod/cam bearings, injection equipment, filters — and exactly what to state when requesting a quotation.

The engine family

The Wärtsilä 46 (originally VASA 46) is a medium-speed four-stroke diesel with a 460 mm bore, built in in-line and vee configurations — 6L46, 8L46, 9L46, 12V46, 16V46 and 18V46 — and used for propulsion and power generation on tankers, ferries, cruise ships and in land power plants. cballast.com supplies replacement (OEM-equivalent) spare parts for Wärtsilä 46 engines, including valve seats, valve guides, exhaust valves, cylinder liners, piston ring sets, main and connecting-rod bearings, camshaft bearings, injection pumps and nozzles, gaskets, thermostats, engine mounts and filters, with worldwide dispatch. Genuine Wärtsilä parts can be quoted on request through the same enquiry.

Catalogue coverage for Wärtsilä 46

Component | Catalogue entry | Notes for the enquiry |

Valve seat | W46 valve seat | State inlet/exhaust and standard or oversize |

Valve guide | W46 valve guide | Inlet/exhaust; quantity per head |

Exhaust valve | W46 exhaust valve | Stellite-faced spindles quoted per OEM number |

Cylinder liner | W46 cylinder liner | With/without anti-polishing ring per revision |

Piston ring set | W46 piston ring set | Standard size; oversize on request |

Main bearing | W46 main bearing | STD/undersize; state journal measurement if reground |

Con-rod bearing | W46 con-rod bearing | As main bearings |

Camshaft bearing | W46 cam bearing | Position per parts book |

Injection pump | W46 injection pump | Fuel spec (HFO/MDO) and plunger size |

Injector nozzle | W46 injector nozzle | OEM nozzle number from the old part |

Head gasket | W46 head gasket | Per head; sold individually |

Thermostat | W46 thermostat | HT/LT circuit and set point |

Starting air valve | W46 starting air valve | Main or cylinder valve |

Engine mount | W46 engine mount | Resilient element rating |

Lube-oil filter | W46 lube-oil filter | Element or complete duplex insert |

Fuel filter | W46 fuel filter | Micron rating per system stage |

Turbocharger / cartridge | W46 turbocharger, CHRA cartridge | TC maker and frame (ABB/KBB/Napier) from the plate |

Entries above are catalogue reference listings; each is confirmed against the OEM part number you supply before quotation, so the delivered part matches the engine's revision state. Related engines are covered separately: Wärtsilä 32 and Wärtsilä 38 / 50DF.

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 46 spare parts?Replacement parts for Wärtsilä 46 engines — valve seats, guides, liners, bearings, rings, injection equipment and filters — can be ordered from cballast.com: request a quotation on the component page or by email, with worldwide dispatch.Which Wärtsilä 46 variants do the parts fit?The family covers 6L46, 8L46 and 9L46 in-line and 12V46, 16V46 and 18V46 vee engines; parts are matched to the exact variant and revision via the OEM part number you provide.Are the parts genuine Wärtsilä or OEM-equivalent?Catalogue listings are high-quality replacement (OEM-equivalent) parts; genuine Wärtsilä parts can be quoted through the same enquiry when the application or class requires them.Can

valve seats be supplied oversize?Yes — seats and liners are quoted in standard and oversize variants; state the required oversize (for example +0.5 mm) or the measured seat pocket with the enquiry.How fast is a quotation?Within 24 hours, with price, availability, lead time and dispatch options to port, yard or works worldwide.

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