

LIST of Service Bulletins for Wartsila / Sulzer RTA type 2-stroke Diesel Engines

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RTA-Engines		
RTA-1	Recommendations Concerning Piston Running Behavior	01.03.1988 (Reprinted 02.08.1994)
RTA-01-02	Crosshead Bearing Vertical Bearing Clearance	31.01.2002
RTA-2	Water Drain from Charge Air Receiver and Charge and Charge Air Temperature	05.10.1988 (Reprinted 09.02.1998)
RTA-3-4	Fuel Injection Nozzles	30.03.1998
RTA-4	Oil Damping for Short Tie Rods	20.11.1989 (Reprinted 02.08.1994)
RTA-04-02	Crosshead Guide Shoes	24.04.2002
RTA-5	Toggle Joint: Piston Cooling Oil / Crosshead Lubrication Oil Connection Linkage	23.05.1990 (Reprinted 02.08.1994)
RTA-6-2	Recommendations Concerning Piston Running Performance	29.03.1999
RTA-7	Actuator Cam for Exhaust Valve Drive	27.05.1992
RTA-8	RTA-Cylinder Liners and Reinforced Water Guide Jackets	15.06.1992 (Reprinted 18.02.1998)
RTA-9	Cylinder Cover with Erosion / Corrosion Resistant Cladding	20.07.1992 (Reprinted 09.02.1998)
RTA-10	RTA "-8 Series" Engines / Piston Skirt in two Parts	28.10.1992
RTA-11-2	Fuel Injection Pump Regulating Linkage	11.05.2001
RTA-12	New Piston Rod Gland Box / Undersized Piston Rods	11.11.1992
RTA-12-2	Water Drain from Water Separator after Scavenge Air Cooler	06.12.2002
RTA-13	Fuel Injection Nozzles 2-P Nozzle Design	15.06.1993
RTA-14-1	System Oil Care and Maintenance	23.08.2002
RTA-15	Elastic Studs on RTA-Type Engines	10.02.1994
RTA-16-1	Retrofit for Piston Rod Stuffing Boxes / RTA "-8 Series" Engines	20.02.1998
RTA-17-1	Circulation Valve to Fuel Injection Valve	28.02.1995
RTA-18-2	Running-in of Cylinder Liners and Piston Rings	14.06.2002
RTA-19	Oil Supply Monitoring for Geislinger Torsional Vibration Damper	28.10.1994
RTA-20	Rotational Safety Studs for Roller Guide of Fuel Pump and Exhaust Valve Actuator	30.11.1994
RTA-21	Improvement of Starting Behavior / all RTA equipped with DENIS-1 and DENISE-5 Engine Control System	10.04.1995
RTA-22-1	Wasted Bolts for Piston Crown Spraying Plate of RTA 84C, 84M, 84T and 84CU (up-graded) Engines	28.11.1996

RTA-23	Regulation of Cylinder Liner Lubrication	10.07.1995
RTA-24-2	VTR..4 Turbochargers After Sales Service Information issued by ABB	18.05.1999
RTA-25	Flange T 55527 for Two-Way Valve of Hydraulic Actuator Pump	23.02.1996
RTA-26	Loss of Material on Piston Crowns due to High Temperature Corrosion and Erosion for Engines with Watercooled Pistons	03.01.1996
RTA-27	Plastic Water Separator	26.04.1996
RTA-28	Improvement of the Engine Control System all RTA equipped with DENIS-1 and DENISE-5 Engine Control System	31.05.1996
RTA-29	Improved Oil Supply to the Integrated Axial Detuner equipped with Internal Oil Supply Line	21.10.1996 (Reprinted 03.02.1998)
RTA-30	Improvement of starting behavior on RTA engines equipped with Type PGA 200 and PGA EG 200 Woodward Governor	27.11.1996
RTA-31	Alphabetical Index of Topics of Service Bulletins	23.01.1997
RTA-32	Alphabetical Index of Topics of Service Bulletins (RTA-38, RTA-48)	24.01.1997
RTA-33	Crank Pin Bearing Shell	11.04.1997
RTA-34	Fuel Injection System Modifications and Maintenance	28.11.1997
RTA-35	Retrofit for Piston Rod Stuffing Boxes for RTA "-2 Series" Engines	20.02.1998
RTA-35-1	Retrofit for Piston Rod Stuffing Boxes RTA „-2 and -2U Series“ Engines	07.06.2001
RTA-36-1	Reconditioning of Piston Rods of RTA "-2 Series" Engines	08.06.2001
RTA-37-1	Reconditioning of Piston Rods of RTA "-8 Series" Engines	11.06.2001
RTA-38	Piston Crown Loss of Material on Combustion Side for RTA 38, 48, "-2 and -2U Series" with Oil Cooled Pistons	26.02.1998
RTA-39	Overhaul and Reconditioning of Pistons	31.03.1998
RTA-40	Three-step Throttle on Fuel Injection Pumps	30.04.1998
RTA-41	Drains from Piston Underside, Piston Rod Gland Box and Air Receiver	29.05.1998
RTA-42-1	Templates for Exhaust Valve Seat and Spindle	14.03.2002
RTA-43-2	Piston Rings	03.12.2002
RTA-44	Tightening Instructions for Plunger Guide Nipple	26.02.1999
RTA-45	Tightening Instructions for Screws and Waisted Studs	03.06.1999
RTA-46	Cracks in Column	17.06.1999
RTA-47	Draining of Fuel Oil Pipes; Modification to Shut-off Valves of Fuel	28.06.1999

	<u>Pipes and Drain Plug of Fuel Pump Block</u>	
RTA-48	<u>Instructions for Replacement of NOx Relevant Components on IMO Compliant Sulzer RTA Engines</u>	20.09.1999
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RTA-50	<u>Leakage Oil Collector in Air Spring System of Exhaust Valve</u>	10.01.2000
RTA-51	<u>Deflegation in Engine Scavenge System and Exhaust Manifold</u>	21.08.2000
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RTA-53	<u>Variable injection Timing and Fuel Quality Setting</u>	12.06.2001
RTA-54	<u>Electronic variable Injection Timing Troubles and Remedies</u>	18.07.2001
RTA-55	<u>Exhaust Valve Seat and Exhaust Valve Spindle</u>	31.10.2001
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RTA-57	<u>Improved Starting Behaviour with Quick Venting Valves</u>	20.06.2002
RTA-58	<u>Cleaning of Scavenge Air Cooler During Operation and at Standstill</u>	15.10.2002
RTA-59	<u>Procedures and Relevant Information for Sulzer RTA Engines to comply with the Annex VI NoxLimit on Testbed and on Board</u>	10.02.2003
RTA-60-1	<u>Cylinder lubrication Diagrams for Vogel PC and TA Lubricating pumps</u>	09.04.2003
RTA-61	<u>Damping elements to Piston Cooling Oil Flow Monitoring</u>	25.03.2003
RTA-62	<u>Prevention of Water Carry-Over and Liner POlishing</u>	22.05.2003

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