



Cummins South Pacific Pty. Ltd.

ABN NO. 42006332949

WORKSHOP TAX INVOICE

Mackay
PO Box 842
Mackay QLD 4740
Ph : 07 4952 8100
Fx : 07 4952 5631

COPY

INVOICE NUMBER

1227547

INVOICE DATE

03/05/24

PAGE

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Invoice To

Account Number 1320662
FULL TILT TRANSPORT PTY LTD
FULL TILT TRANSPORT PTY LTD
U1/371 CONNORS
BAKERS CREEK
QLD 4740

Customer

FULL TILT TRANSPORT PTY LTD
FULL TILT TRANSPORT PTY LTD
U1/371 CONNORS
BAKERS CREEK
QLD 4740

Engine Model:	SIGNATURE/ISX/QSX	Eng No:	79410002	Equip Make:	UNLISTED
FleetNo:	FTT21	Reg No:	FTT21 PM12	Cust Ord NO:	FTT21
Date in Service:	24/05/10	KLMS:		HRS:	3488
Repair Date:	24/04/24	Chassis NO:	441761	Currency:	AUD
C.O.No.	6718955	Work ordNo.	2884002	Facility	132

Complaint:

Oil in coolant. Possible electrolysis.

Cause:

Leaking Oil Cooler Element

Correction:

Guidanz SO Number: 00872980

ECM Hrs: 3,488
ECM Klms:209,583.2
ECM Fuel Burn:103,428.6 Ltrs

APPROVED

Correction:

- Truck came in with complaints of oil in coolant
- Wheel truck into bay
- Capture download, download revealed no relevant faults
- Verify oil in coolant
- Perform stray current check (TSB140096)
- Measure the current from the cylinder block ground stud to the starter negative connection (2 amps, max spec 8amps)
- Drain coolant, remove turbo plumbing, remove turbo, exhaust manifold, EGR cooler and oil cooler
- Upon inspection of oil cooler, signs of electrolysis were present in the housing, deeming the housing unservicable
- Pressure test cooler element, revealed pin hole from centre of the element deeming it unservicable
- Pressure test egr cooler, no leaks
- Clean components
- Replace with second hand oil cooler housing, fit oil cooler element, new thermostat and new oil cooler bypass valve
- Pressure test assembly, no leaks, fit oil cooler housing to engine block
- Fit EGR cooler, exhaust manifold, turbo
- Plumb turbo, fill with restore, fit oil filter, pressure prime oil circuit and run engine
- Run truck up to temp, flush radiator 3x
- Wash truck, fill with coolant
- Test drive truck, confirm no leaks

All goods and services provided in line with Cummins Terms and Conditions of Sale

Payment Terms 30 Days from End of Month

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Customer FULL TILT TRANSPORT PTY LTD

Description	Operation	Unit price	Qty	Extension
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- Return truck to service

NOTE:

- Replace all coolant hoses due to oil sweating and swelling of the hoses

Description	Operation	Unit price	Qty	Extension
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Labour

	3	170.00	10.00	1700.00
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LABOUR TOTAL 1700.00

Material

3683814	SEAL, O RING	11.32	7	79.25
3678912	SEAL O RING	47.72	3	143.16
3678606	SEAL O RING	9.55	1	9.55
3679139	SEAL O RING	24.34	1	24.34
3922794	SEAL O RING	16.57	2	33.14
3682940	GASKET EXH MANIFOLD	60.60	1	60.60
5486657	GASKET, EXH MANIFOLD	52.70	4	210.83
WF2075	WATER FILTER (DCA UNITS =	29.21	1	29.21
LF14000NN	LUBE FILTER	65.99	1	65.99
4376196	SET, LUB OIL COOLER GASKE	344.67	1	344.67
3682826	SEAL GROMMET	18.23	2	36.46
3411881	RING RETAINING	33.77	1	33.77
3683607	SEAL MOULDED	25.48	1	25.48
3683537	GASKET EGR VALVE	56.90	1	56.90
3101268	GASKET FLANGE	17.40	1	17.40
3089025	SEAL O RING PLUG	52.33	1	52.33
3102314	GASKET TURBOCHARGER	49.32	1	49.32
3104230	GASKET EGR	182.92	1	182.92
4955831	KIT,OIL COOLER	1559.84	1	1559.84
CC2610	RESTORE CLEANER (3.785L)	61.32	1	61.32
3684355	GASKET EXH OUT CONNECTION	87.35	1	87.35
3163075	PAINT "300 APEX RED" 12.	61.20	1	61.20
3949708	SEAL O RING	36.68	1	36.68
3684284	WASHER SEALING	37.43	2	74.87
4934278	WASHER SEALING	17.45	2	34.90

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Description	Operation	Unit price	Qty	Extension
4934279	WASHER SEALING	23.91	4	95.64
3627695	SEAL O RING	33.73	2	67.47
3678786	SEAL O RING PLUG	14.04	1	14.04
4386527	THERMOSTAT	261.01	1	261.01
3104392	GASKET VALVE COVER	142.88	1	142.88
MATERIAL TOTAL				3952.52
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Subcontract				
5501345	Supply coolant hoses	249.62	1	249.62
SUBCONTRACT TOTAL				249.62
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Miscellaneous				
4386026U	Environmental Levy	25.00	1.00	25.00
	Oil Cooler Housing Second	163.00	1.00	163.00
	Overtime	59.00	4.15	244.85
MISC TOTAL				432.85
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SUB-TOTAL				6334.99
G.S.T				633.50
INVOICE TOTAL				6968.49

VICTORINS