Cummins South Pacific Pty. Ltd.

WORKSHOP TAX INVOICE

ABN NO. 42006332949
BRISBANE
P O BOX 227
ARCHERFIELD QLD 4108
Ph: 07 37104700
Fax: 07 33753520

INVOICE NUMBER **1686040**
INVOICE DATE 29/07/25
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Invoice To
Account Number

Customer

Engine Model:	**SIGNATURE/ISX/QSX**	**Eng No:**	**79654473**	**Equip Make:**	**KENWORTH**
FleetNo:		**Reg No:**	**XB98IO**	**Cust Ord NO:**	**XB98IO**
Date in Service:	**10/04/13**	**KLMS:**		**HRS:**	**28108**
Repair Date:	**02/07/25**	**Chassis NO:**	**450180**	**Currency:**	**AUD**
C.O.No.	**6791324**	**Work ordNo.**	**2968052**	**Facility**	**130**

Complaint:

Gear train failure, no oil in the sump and it is loosely fit. there is also no coolant in it. DO NOT START ENGINE. customer will supply donner engine to keep the costing down

Cause:

Gear train failure
Metal in system
Progressive damaged components

Correction:

Guidanz: 1425172

Hrs/Klms: 1,871,235 klms / 28,108 hrs
Fuel Burn: 1,130,925 ltrs

- Download ECM data & completed pre-checks
- Begin troubleshooting for customers complaint
- Tear down engine in XB98IO for gear train inspection after failure of fuel pump
- Advise customer on damaged parts
- Customer supplying another engine to get spare parts from that are good
- Tear down second engine & inspect parts for re-use
- Remove gear housing on engine in XB98IO
- Drill off crank adaptor, tone wheel and gear
- Heat & fit new crank gear, tone wheel & adaptor
- Fit gear housing with new seals
- Fit timing gears & shafts utilising gears from supplied engine
- Fit new cam idler shafts
- Time engine gear train
- Carried out overhead set
- Carried out oil cooler R+R with new core
- Fit new turbo mount gaskets & coolant bypass tube seals
- Wastegate leaking on supplied engine turbo
- Turbo off supplied engine to be fitted with new

Cmp 370 Div A10 Fac 130 Whs 999 COt
MCIMWRKA

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Description	*Operation*	*Unit price*	*Qty*	*Extension*

wastegate
- Fit new main & big end bearings
- Fit new oil pump
- Refit stiffner & sump
- Fit fuel pump off supplied engine
- Finish plumbing parts in
- Fill with new oil and coolant
- Run engine & road test, all ok
- washed and parked up

****
Labour: $9,202.00 + GST
Oil & filter: $484.71 + GST
Coolant: $544.71 + GST
Speed ring indicator: $353.39 + GST
Crank gear & adaptor $6,118.45 + GST
Oil pump: $2,160.88 + GST
Oil cooler kit & gaskets: $2,409.13 + GST
Oil thermostat: $438.21 + GST
Coolant thermostat: $343.41 + GST
Turbo actuator: $1,487.61 + GST
Idler shafts: $1,374.24 + GST
Main bearings: $1,281.69 + GST
Big end bearings: $1,811.58 + GST
Gear housing gasket: $419.62 + GST
Front seal: $373.84 + GST
Orings: $639.58 + GST
Sealing washers: $349.50 + GST
Air compressor gasket: $24.53 + GST
Camplate cover gasket: $53.78 + GST
Front cover gasket: $82.83 + GST
Bolts: $547.44 + GST
Fitting: $14.22 + GST
Belt: $63.98 + GST + GST
Exhaust gaskets: $340.08 + GST
Fuel pump gaskets: $285.80 + GST
Radiator Mounts: $32.65 + GST
Adapter gasket: $79.21 + GST
Accessory drive gasket: $85.69 + GST
Aftertreatment gasket: $67.99 + GST
Zip ties: $214.40 + GST
Lubriplate: $19.23 + GST

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Description	*Operation*	*Unit price*	*Qty*	*Extension*

Consumabes: $52.50
Environmental levy: $25.00
****
Engine trade in: - $3,500.00
Branch goodwill discount: - $2,245.95
****
TOTAL: $26,035.93 + GST
****

Description	*Operation*	*Unit price*	*Qty*	*Extension*
Material				
1324.01	PREMIUM BLUE 8600 OIL (W/		50	
PGXLVITAL-20L	PGXL VITAL ADVANCED COOLA		3	
3689001	RING, SPEED INDICATOR		1	
3680260	SHAFT IDLER		1	
4034356	KIT, TURBOCHARGER ACTUATO		1	
4393089	GASKET, GEAR HOUSING		1	
3391271	LUBRIPLATE 105 GREASE 10O		1	
3686018	SHAFT IDLER		1	
5406110	KIT, MAIN BEARING		1	
3686358	SHAFT IDLER		1	
4955831	KIT,OIL COOLER		1	
4965400	ADAPTER CRANKSHAFT		1	
LF14000NN	OIL FILTER COMBO SPINON		1	
3680324	GASKET FLANGE OIL DRAIN		1	
3678762	SEAL GROMMET		1	
5719778	GASKET, CAMSHAFT COVER		1	
3104119	GASKET COVER PLATE		1	
4907448	GASKET EXHAUST MANIFOLD		1	
4026884	GASKET TURBOCHARGER		1	
4299124	SEAL O RING		1	
5658175	SEAL, RECTANGULAR RING		1	
4299125	SEAL O RING		1	
3685556	GASKET, ADAPTER		1	
4907447	GASKET EXHAUST MANIFOLD		4	
3164067	SEALANT SILICONE ADHESIVE		1	
3683814	SEAL,O RING		2	

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2882087	SET, ROD BEARING (NON STD	6
3685173	SEAL OIL	1
5440813	GASKET, ACC DRIVE SUPPORT	1
2866337	GASKET AFM DEVICE	1
5414049	GASKET, FUEL PUMP	1
4952629	THERMOSTAT	1
3687007	SEAL,RECTANGULAR STRIP	1
2872513	GASKET FUEL PUMP	1
4376196	SET, LUB OIL COOLER GASKE	1
DCT110H1RW	TIE-CABLE BRAKE HOSE 19.2	15
65-90820EA	CABLE TIE 292X3.5MM PER	25
65-90860EA	CABLE TIE 380X8MM PER EAC	50
5680039RX	RECON LUBE PUMP ISX	1
4386527	THERMOSTAT	1
3688221	SEAL, O RING	1
3680542	GEAR CRANKSHAFT	1
3683607	SEAL MOULDED	1
4059172	SEAL O RING	1
3678724	SEAL O RING	1
3680882	SCREW CAPTIVE WASHER CAP	12
4374074	SCREW, TWELVE POINT CAP	3
4903514	SEAL, O RING	1
3963988	WASHER SEALING	2
3963991	WASHER SEALING	8
185848	GASKET AIR COMPRESSOR	1
127454	WASHER PLAIN	2
6PK1590	DAYCO BLUE LABEL BELT	1
20620-4-4	FITTING	1
ISXDUP1	ENGINE PARTS ONLY	1-

SUB-TOTAL	26035.93
G.S.T	2603.59
INVOICE TOTAL	***28639.52***

MCTDWRKB

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