



Cummins South Pacific Pty. Ltd.

ABN NO. 42006332949

Laverton
191-195 Boundary Road
Laverton North Vic 3026
Ph: 03 8368 0800
Fax: 03 9360 0438

Invoice To
Account Number

COPY

WORKSHOP TAX INVOICE

INVOICE NUMBER 9976699
INVOICE DATE 15/11/23
PAGE 1

Customer
ERH REFRIGERATED
34-36 BANFIELD COURT
TRUGANINA
VICTORIA - 3029

3026

Engine Model:	SIGNATURE/ISX/QSX	Eng No:	80152622	Equip Make:	KENWORTH
FleetNo:	ERH 166	Reg No:	XV231B	Cust Ord NO:	
Date in Service:	01/09/19	KLMS:	901464	HRS:	11244
Repair Date:	06/09/23	Chassis NO:	465952	Currency:	AUD
C.O.No.	6680149	Work ordNo.	2840673	Facility	322

Complaint:

Cooling system pressurizing.

Cause:

- Cylinder block cracked at no.2 cylinder.

Correction:

Guidanz SO Number: 677903

Ki730 / Br322

Speedo (kms): 901464

ECM Engine Distance (kms): 901464

ECM Fuel Burn (ltrs): 386648

ECM Engine Run Time (hrs): 11244

Correction:

- Write Jsa
- Connect insite and carry out ecm download.
- Removed fan belt and put bleed line in water bottle and followed QSOL procedure to check for pressurizing, found vehicle to be pressurizing.
- Removed cylinder head, cleaned block, cleaned head, measured liners, removed pistons, removed liners, found all cylinders to have threading 2,3 and 5 are cracked.
- Cut counter bore ledges #2 - #6, cracks on all counter bore ledges, cut #2 to 32 thou, cracks still at 32 thou.
- Removed engine out of chassis, replaced engine block, reassembled engine and fit it back in chassis. Carried out repairs as per qsol procedure under Cummins Warranty Coverage.

Description	Operation	Unit price	Qty	Extension
Labour	3			
LABOUR TOTAL				

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Description	Operation	Unit price	Qty	Extension
Material				
6391205	KIT, CYLINDER BLOCK		1	
5693720	KIT, SERVICE LINER REPAIR		1	
4965731	O-RING		1	
3391271	LUBRIPLATE 105 GREASE 100		1	
3164067	SEALANT SILICONE ADHESIVE		2	
5633631	KIT, MAIN BEARING		1	
2882087	SET, ROD BEARING (STD)		6	
3104119	GASKET COVER PLATE		1	
2881766	SET LOWER ENGINE GASKET		1	
3678786	SEAL O RING PLUG		2	
3627695	SEAL O RING		2	
4988280	GASKET HYDRAULIC PUMP		2	
5440813	GASKET, ACC DRIVE SUPPORT		1	
3678506	SCREW HEXAGON FLANGE HEAD		6	
KW-ELC40-20M	ELC40 EXTENDED LIFE PREMI		3	
4318947	THERMOSTAT		1	
4307482RX	RECON FUEL PUMP ISX		1	
186780	SEAL THERMOSTAT		1	
3683814	SEAL,O RING		2	
3688221	SEAL, O RING		1	
100328	SEAL O RING		1	
LF14000NN	OIL FILTER COMBO SPINON		1	
2866337	GASKET AFM DEVICE		4	
185848	GASKET AIR COMPRESSOR		1	
2866636	GASKET, AFM DEVICE		1	
3684359	GASKET EXH OUT CONNECTION		1	

MATERIAL TOTAL

Miscellaneous

Overtime

MISC TOTAL

SUB-TOTAL
INVOICE TOTAL