

N11-1

Dokat Mechanical Ltd

721069 Rge Rd 43
 County of GP No.1, AB
 T8X 4E2
 Phone: 780-830-5450
 Fax: 780-830-5451

Invoice

Date	Invoice #
2025-09-09	3821

Invoice To:

Diverse Drilling Ltd
 PO Box 73
 Baytree, AB
 T0H 0A0

W.O. #	P.O. No.	Terms	Kms / Hrs	Unit #	Engine Serial #
5772		Due on receipt	023029 Kms 2336	163	MXS29471

Item	Qty	Description	Rate	Amount
Labour	38	<p>023029 Kms 23367 Hrs</p> <p>Job #1 - Trouble shoot and repair for coolant in oil.</p> <ul style="list-style-type: none"> - Customer had truck hauled to shop, towed truck into shop. - Trouble shoot, hooked up to ECM found several logged codes 1 occ, suspect from when new ECM was installed also 73 occurrences of oil pressure sensor voltage high, inspected wiring found ok harness looks new. Installed good used oil pressure sensor now reading properly, cleared codes. Still found low oil pressure 30 psi and has logged events, low oil pressure also has sludge under valve cover and coolant on top of head area. Suspect filters plugged causing low oil pressure on manual gauge. Performed cylinder cut out test found #1 cylinder dead removed #1 cylinder injector boroscoped cylinder found signs of piston beaten up and looks like valve pieces missing, also looks like cracked liner possibly where coolant in oil is from, cylinder head #1 intake valve broken off and had gone through engine, also top turbo damaged from debris. Inspected found camshaft hard surfacing coming off, suspect due to coolant in oil, Found engine had been run with low oil pressure. - Discussed with Darren will remove customer engine and install Dokat Mechanical Ltd reconditioned Cat C-15 SN NXS18171. Customer says clutch is very new, will rerun clutch. - Removed customer engine from truck, swapped over parts (flywheel, brackets, etc.), Installed new pilot bearing, installed new brass coolant valves. - R & I new trans cooler silicone heater hoses/clamps. Found PTO pump suction hose coming off due to wrong size fitting, R & I proper fitting in order to tighten clamp. - Installed reconditioned Cat engine SN NXS18171, reinstalled radiator, 	169.50	6,441.00

Thank you for your business!
 NOTE Payment may be made via cheque or e-transfer to
 dokat@ymail.com

GST/HST No. 837026525

Subtotal
GST
Total
Balance Due

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Parts		etc. Tied up wires, hoses behind engine bell housing in loom clamps. Found clutch cover missing, replaced. R & I new heater & trans cooler coolant hoses, tied up in loom clamps with new valves. Painted and installed customers original balancer & pulleys due to pulley different. Installed fan hub, alt and A/C support brackets. Rebearing all idler pulley bearings and installed new fan and A/C belts. Resealed all A/C fittings, R & I all new upper/lower rad hoses/clamps. Installed new 3/8" & 1" coolant bypass hoses. Installed new 15w40 engine oil, Cat LL 50/50 coolant, primed fuel system, installed new oil pan oil temp sender and pigtail. - Primed fuel system, ran unit, checked for leaks and proper operation, found coolant temp sender and pyro temp sender/gauge not working properly discussed with Darren, R & I new coolant temp sender & gauge, will leave pyro temp sender/gauge for now. - Ran unit, checked for leaks and proper operation, all ok. Cat C-15 reconditioned engine, 15w40 engine oil, oil disposal, Cat LL 50/50 coolant, Cat engine oil filter, fan & A/C belts, idler pulley bearings, 2 1/2" silicone rad hose/clamps, 3" silicone rad hose/clamps, Cat primary fuel filter, p/s mount oring, front & rear engine mounts, pilot bearing, 5/8 & 3/4 silicone heater hose, oil temp sender/pigtail, starter, trans clutch cover, starter, oil temp sender/pigtail, R134A freon, A/C oring kit, air inlet flange orings, 3/8" & 1" silicone hose, paint, coolant temp sender & gauge	83,080.20	83,080.20	
Deliveries/Pickups	2	Note: Recommend first oil change within 100 Hrs. Initial valve set to be completed within the first 1500 Hrs. - Warranty applies to new parts only.	21.50	43.00	

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Item	Qty	Description	Rate	Amount
		GST on sales	5.00%	4,478.21

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GST/HST No. 837026525

A service charge of 24% per annum (2% per month) will apply to balances remaining
unpaid 30 days from date of invoice.

Subtotal	\$89,564.20
GST	\$4,478.21
Total	\$94,042.41
Balance Due	\$94,042.41