



Boersma Enterprises Ltd.
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GST Registration No.: 750678732RT0001

BILL TO
R Batke Oilfield Ltd
box 6516
Bonnyville Ab T9N2H1

INVOICE 233907

DATE 2024-08-13 **TERMS** Due on receipt

DUE DATE 2024-09-01

MILEAGE/HOURS
337,260KM/ 8456HRS

UNIT #/ VIN#
UNIT 136/ VIN 9D792071

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
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ENTERED
52748

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
2024-08-13	Labor	<p>Customer complaint for high oil level, suspects fuel dilution. Bring unit into shop and check dipstick. Find oil level at spec at this time. Noted that oil appears very clean and clear.</p> <p>Disconnect low pressure suction line to IFSM inlet. Connect fuel system to external auxiliary fuel supply. Add dye additive to fuel supply. Prime fuel system and start engine. Run engine to operating temperature. Remove valve cover and inspect top end. Use UV light and find dye additive is able to transfer from fuel system into crankcase. Confirm source of fuel dilution is the fuel gear pump. Remove fuel gear pump from engine and inspect on bench. Find gear shaft seal failed and leaking fuel. Order parts and clean/prep for install. Install new fuel pump using new gasket and o-ring. Reconnect fuel lines and prime fuel system. Clean mounting surface and reinstall valve cover using new gasket. Replace oil filter and change oil. Clean fuel leak at timing/metering actuators. Run truck to operating temperature and verify oil level. Oil level at spec. Re-inspect fueling actuators. Find that timing actuator is leaking from the housing itself.</p> <p>Advice to replace actuators in order to repair fuel leak- DENIED Repair complete.</p>	GST	7	140.00	980.00
	Consumables	10% SHOP SUPPLIES AND ENVIRO CHARGES	GST	0.10	980.00	98.00
	Parts	1-3104392- VALVE COVER GASKET 1-LF14000NN- OIL FILTER 1-4089163RX- PUMP 1-2872195-GASKET 1-3867481-SEAL O-RING 2-550045128- PAILS OIL 15W-40 CK-4 1-550045135-JUG OIL 15W-40 CK-4	GST	1	2,088.63	2,088.63

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
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ANY EMISSIONS
 ALTERATIONS OR ECM FILE
 ADJUSTMENTS FROM STOCK
 FILES VOID ALL WARRANTY.

SUBTOTAL	3,166.63
GST @ 5%	158.33
TOTAL	3,324.96
TOTAL DUE	\$3,324.96

TAX SUMMARY

	RATE	TAX	NET
GST @ 5%		158.33	3,166.63