



GCL Diesel Injection Service
15842-112th Avenue
Edmonton, Alberta, T5M 2W1
Phone: (780) 453-6786 Fax: (780) 447-5854
E-Mail: invoicing@gcldiesel.com

WORKORDER INVOICE 825475

Date 07-Sep-23
Purchase Order UNIT EC1000

ES35-1

Sold To
ELITE CRANE & RIGGING

Ship To
ELITE CRANE & RIGGING
CUSTOMER PICK UP
GCL PARTS COUNTER
EDMONTON ALBERTA T5M 2W1

Shipping Instructions PICK UP

Comments

Service Work Requested

TEST + ADVISE — SIX INJECTORS

EC-1000- Test Results Attached

Vehicle Make	Model	License	Vin	Year	Mileage

Component	Injectors					
Serial	Model	Date Code	Qty	Customer Part #	Manufacturer Part #	Type #
825475	EUI		1		10R1273	

Quantity Ordered	B/O	Quantity Shipped	Part #	Description	Type	Net Price	Amount
6	0		680945/31	248-1394 C15/3406E EXT SEAL KIT	DISA	\$5.85	\$35.10

Component Part Subtotal : **\$35.10**

6	0	6	LABOR - EUI TEST	ELECTRONIC UNIT INJECTOR TEST	SHLS	\$99.00	\$594.00
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Hours Component Labour Subtotal : **\$594.00**

Component Sub Total : **\$629.10**

Work Order Summarized Totals For: ELITE CRANE & RIGGING

Invoice Part Sub Total :	\$35.10
Invoice Labour Sub Total :	\$594.00
Freight :	\$0.00
Miscellaneous :	\$0.00
Shop Supplies :	\$31.00



Sub-Total :	\$660.10
HST:	\$0.00
GST:	\$33.00

GST/HST Registration Number: 10196-8246 RT 0001: **TOTAL \$693.10**

Payment Terms: Cash Sale Payment Due

I HEREBY ACKNOWLEDGE MY INDEBTEDNESS OF THE TOTAL AMOUNT AS SHOWN ON THIS INVOICE AND ANY INTEREST CHARGES INCURRED. NO PARTS MAY BE RETURNED WITHOUT PRIOR AUTHORIZATION. PARTS RETURNS ARE SUBJECT TO A MINIMUM 15% RESTOCKING CHARGE. THIS PURCHASE ORDER AND INVOICE INCLUDES THE WARRANTIES AND THE EXCLUSIONS STATED BELOW. PURCHASER RESPONSIBLE FOR ALL LOCAL SALES TAX.

Ship/Pickup Date: _____ Waybill / Reference: _____ Printed By 95

Warranty and Exclusions: Warranties available through GCL Diesel can be reviewed at the following link on our website <https://gcldiesel.com/support/warranty>

- GCL Diesel warrants its products to be free from defects in material and workmanship under normal use and service for one (1) year with unlimited mileage with the exception of the following: a. electrical components: the lesser of one (1) year or 20,000 km. b. certified refurbished: sixty (60) days exchange only.
- This warranty shall be limited to repairing or replacing, at our option, the part or parts claimed to be defective within one (1) year after the date of purchase. However, if circumstances preclude the remedying of warranted defects by repair or replacement, GCL Diesel shall, upon return of products, credit the customer part of the purchase price heretofore paid GCL Diesel.
- Inspection shall, at the option of GCL Diesel, be performed at its plant in Edmonton, Alberta, and all related freight charges shall be paid by the customer.
- If, during the warranty period, a defect in either material or workmanship of one of GCL Diesel's products is found to be conclusively defective, GCL Diesel will grant an adjustment. Nothing herein shall be construed to require GCL Diesel to grant such adjustment.
- NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED (including any warranty of merchantability or fitness for a particular purpose), SHALL EXIST IN CONNECTION WITH THE PURCHASE OR USE OF SUCH PRODUCTS.
- GCL Diesel shall under no circumstances be liable for any incidental or consequential damage.
- NO EMPLOYEE OR REPRESENTATIVE IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY.

***** CUSTOMER COPY *****

09/07/2023 8:48:00 AM

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test report

9/6/2023 12:06PM

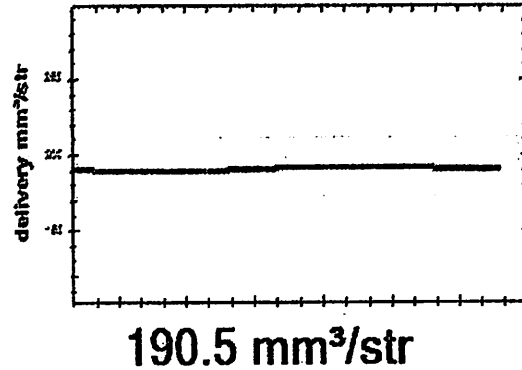
injecter oem no : 10R1273R
injecter serial no : 7931
test operator : 825475-1
company :
contact :
address :
tel / fax : email :

warm-up

cam speed	rpm	600	
temperature	°C	inlet 40 ± 20	20 return 40 ± 20 19
pressure	kPa	inlet 620 ± 20	600 return 615
injection °		timing 10.00	injection 8.00
warm-up time	sec	60	60
pass			

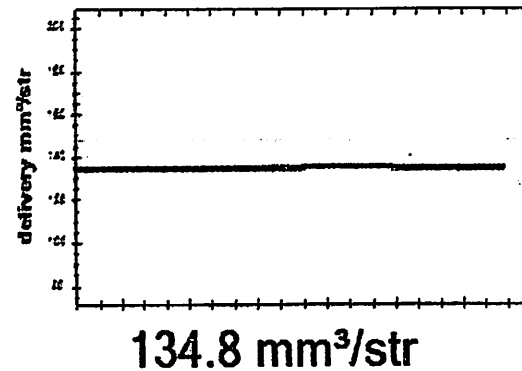
delivery

cam speed	rpm	750	
temperature	°C	inlet 40 ± 20	20 return 40 ± 20 20
pressure	kPa	inlet 620 ± 20	582 return 598
injection °		timing 10.00	injection 13.00
pass			



delivery

cam speed	rpm	600	
temperature	°C	inlet 40 ± 20	20 return 40 ± 20 21
pressure	kPa	inlet 620 ± 20	597 return 612
injection °		timing 10.00	injection 10.00
pass			



delivery

cam speed	rpm	350	
temperature	°C	Inlet	40 ± 20
		return	40 ± 20
pressure	kPa	Inlet	820 ± 20
		return	614
injection *	timing	10.00	
	injection	6.50	
fail			

81.2 mm³/str

test report

9/6/2023 13:14PM

injector oem no : 10R1273R

injector serial no : 4735

test operator : 825475-2

company :

contact :

address :

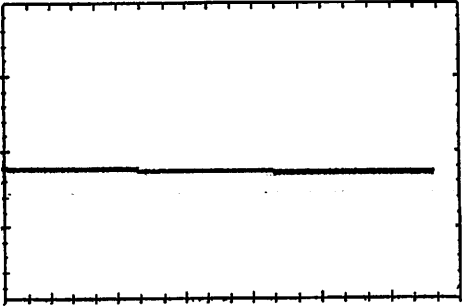
tel / fax : email :

warm-up

cam speed	rpm	600
temperature	°C	inlet 40 ± 20 21 return 40 ± 20 21
pressure	kPa	inlet 620 ± 20 590 return 603
injection °	timing	10.00
	injection	8.00
warm-up time	sec	60 60
pass		

delivery

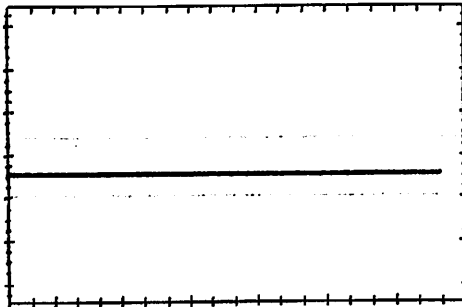
cam speed	rpm	750
temperature	°C	inlet 40 ± 20 21 return 40 ± 20 21
pressure	kPa	inlet 620 ± 20 570 return 600
injection °	timing	10.00
	injection	13.00
pass		



186.8 mm³/str

delivery

cam speed	rpm	600
temperature	°C	inlet 40 ± 20 22 return 40 ± 20 22
pressure	kPa	inlet 620 ± 20 587 return 602
injection °	timing	10.00
	injection	10.00
pass		



130.5 mm³/str

delivery

cam speed	rpm	350	
temperature	°C	inlet 40 ± 20	22 return 40 ± 20 22
pressure	kPa	inlet 620 ± 20	605 return 620
injection °		timing 10.00	injection 6.50
pass			

delivery mm³/str

71.9 mm³/str

test report

9/6/2023 1:53:47PM

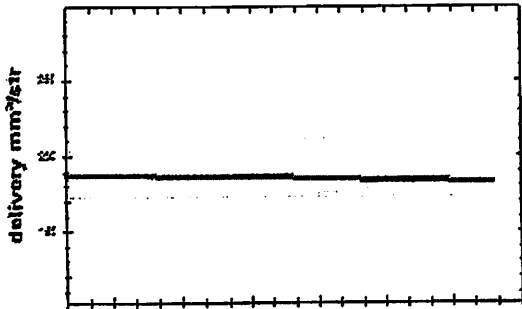
injector oem no : 10R1273R
injector serial no : 2105
test operator : 825475-3
company :
contact :
address :
tel / fax : email :

warm-up

cam speed	rpm	600
temperature	°C	inlet 40 ± 20 22 return 40 ± 20 21
pressure	kPa	inlet 620 ± 20 599 return 610
injection °	timing	10.00
	injection	8.00
warm-up time	sec	60 60
pass		

delivery

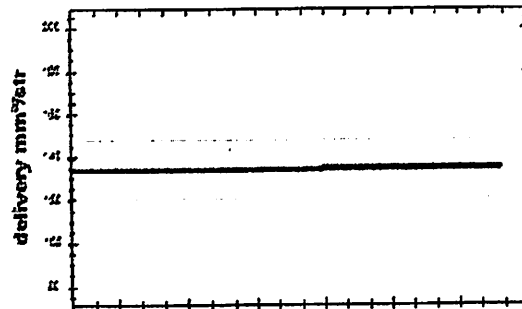
cam speed	rpm	750
temperature	°C	inlet 40 ± 20 22 return 40 ± 20 22
pressure	kPa	inlet 620 ± 20 582 return 596
injection °	timing	10.00
	injection	13.00
pass		



184.8 mm³/str

delivery

cam speed	rpm	600
temperature	°C	inlet 40 ± 20 22 return 40 ± 20 23
pressure	kPa	inlet 620 ± 20 596 return 609
injection °	timing	10.00
	injection	10.00
pass		



134.2 mm³/str

delivery

cam speed	rpm	350			
temperature	°C	Inlet 40 ± 20	22	return 40 ± 20	23
pressure	kPa	Inlet 620 ± 20	602	return	611
Injection °	timing	10.00		Injection	6.50
pass					

delivery mm³/str

77.1 mm³/str

test report

9/6/2023 2:10:41PM

injector oem no : 10R1273R
injector serial no : 4315
test operator : 825475-4
company :
contact :
address :
tel / fax : email :

warm-up

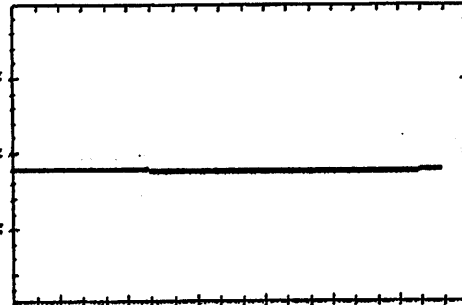
cam speed rpm 600
temperature : inlet 40 ± 20 22 return 40 ± 20 22
pressure kPa inlet 620 ± 20 599 return 610
injection ° timing 10.00 injection 8.00
warm-up time sec 60 60

pass

delivery

cam speed rpm 750
temperature : inlet 40 ± 20 22 return 40 ± 20 22
pressure kPa inlet 620 ± 20 582 return 595
injection ° timing 10.00 injection 13.00

delivery mm³/str



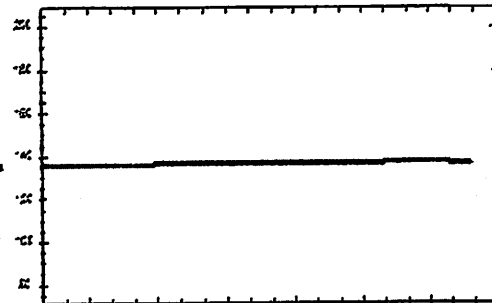
188.4 mm³/str

pass

delivery

cam speed rpm 600
temperature : inlet 40 ± 20 23 return 40 ± 20 23
pressure kPa inlet 620 ± 20 596 return 610
injection ° timing 10.00 injection 10.00

delivery mm³/str



136.2 mm³/str

pass

delivery

cam speed	rpm	350			
temperature	°C	inlet 40 ± 20	23	return 40 ± 20	23
pressure	kPa	inlet 620 ± 20	602	return	609
injection *		timing	10.00	injection	6.50
pass					

delivery mm³/str

71.0 mm³/str

test report

9/6/2023 2:24:23PM

injector oem no : 10R1273R
injector serial no : 4955
test operator : 825475-5
company :
contact :
address :
tel / fax : email :

warm-up

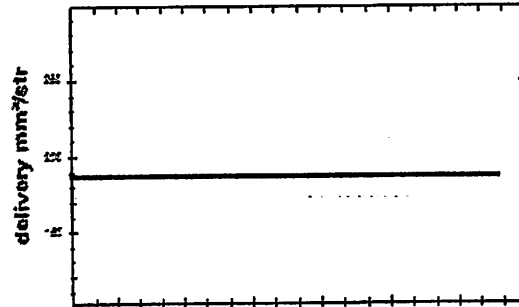
cam speed	rpm	600	
temperature	°C	inlet 40 ± 20 23	return 40 ± 20 22
pressure	kPa	inlet 620 ± 20 598	return 610
injection °		timing 10.00	injection 8.00
warm-up time	sec	60	60

pass

delivery

cam speed	rpm	750	
temperature	°C	inlet 40 ± 20 23	return 40 ± 20 23
pressure	kPa	inlet 620 ± 20 581	return 596
injection °		timing 10.00	injection 13.00

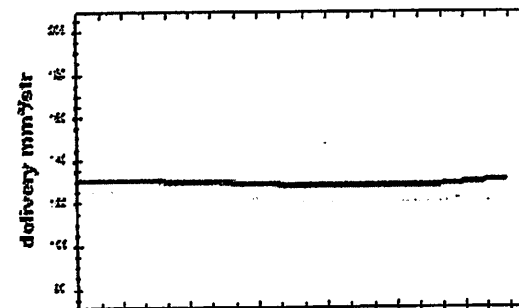
pass



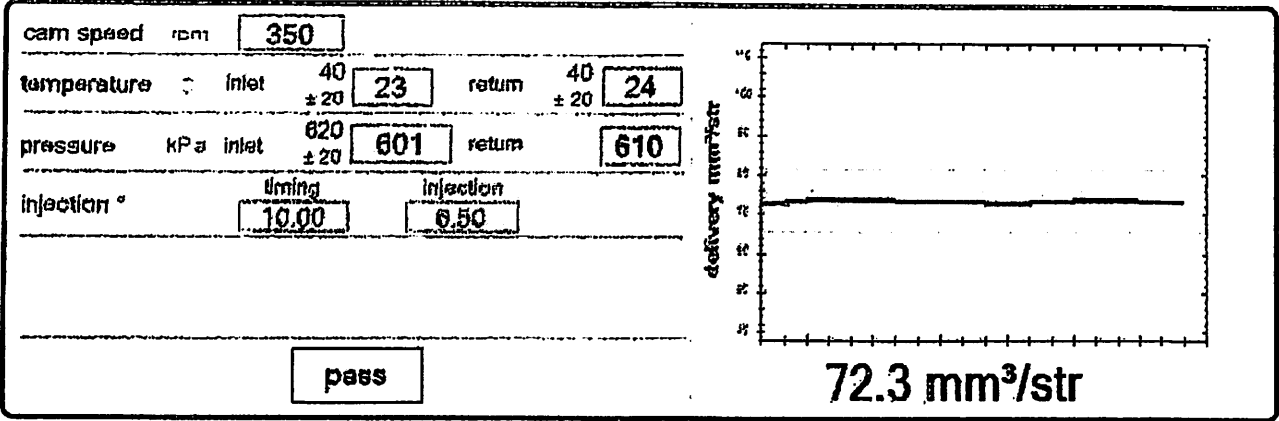
delivery

cam speed	rpm	600	
temperature	°C	inlet 40 ± 20 23	return 40 ± 20 24
pressure	kPa	inlet 620 ± 20 595	return 608
injection °		timing 10.00	injection 10.00

pass



delivery



test report

9/6/2023 2:39:28PM

injector oem no : 10R1273R

injector serial no : 7617

test operator : 825475-6

company :

contact :

address :

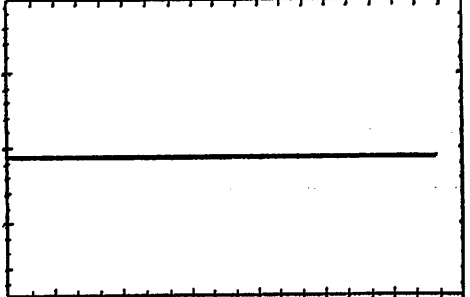
tel / fax : email :

warm-up

cam speed	rpm	600	
temperature	°C	inlet 40 ± 20	return 40 ± 20
		23	23
pressure	kPa	inlet 620 ± 20	return 609
injection °		timing 10.00	injection 8.00
warm-up time	sec	60	60
pass			

delivery

cam speed	rpm	750	
temperature	°C	inlet 40 ± 20	return 40 ± 20
		23	23
pressure	kPa	inlet 620 ± 20	return 596
injection °		timing 10.00	injection 13.00

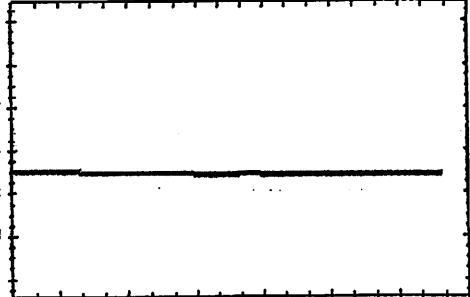


194.1 mm³/str

pass

delivery

cam speed	rpm	600	
temperature	°C	inlet 40 ± 20	return 40 ± 20
		23	24
pressure	kPa	inlet 620 ± 20	return 609
injection °		timing 10.00	injection 10.00



128.6 mm³/str

pass

delivery

cam speed	rpm	350			
temperature	°C	inlet 40 ± 20	24	return 40 ± 20	24
pressure	kPa	inlet 620 ± 20	599	return	613
injection °		timing	10.00	injection	6.50
pass					

delivery mm³/str

70.5 mm³/str