

TEST DATA SHEET

For Inline Type Diesel Fuel Injection Pumps

Service Dealer: **GCL Diesel Injection Service Ltd.** Repair Order No. 534152

Date Tested: _____ Customer: _____ By: _____

Pump Designation: _____ Governor Type Designation: RQV

10-Digit Assembly No. 0 402 736 913 EX Mfg. Date Code- Serial No. 7682618142 Bosch Warranty Claim No. _____

Timed to Cyl. No. 1 at 1 8.0
0

Camshaft

1														
0	I	N		S	P	E	C							
Firing order	1	5	3	6	2	4								

LPC at 12.0 mmRT 1 mm
0 3.00 mm

1=Measurement as received 0= Measurement as calibrated RT=rack travel LDA=aneroid

Delivery characteristics	RPM	LDA/hPa EDC/V	RT In Mm	Delivery quality (Q) per cylinder (cm3/1000 strokes)												Q Spread		
				1	2	3	4	5	6	7	8	9	10	11	12			
Full Load	1300	1500	1															
			0	14.5	188	184	187	185	188	183								5
Part load	800	1500	1															
			0	12.0	131	128	129	128	127	126								5
	1300	0	1															
			0	9.8	94	90	93	94	92	90								4
	High Idle	1660	1500	1														
				0	5.5													
Idle	435	0	1															
			0	5.4	10.0	11.4	11.6	12.4	10.4	11.0								2.4
Start	100	0	1															
			0	12.8	160	156	158	155	154	158								

Breakaway at 1mm	1	at	RPM	Start	1	RPM	Start	1	RPM
Less RT than Full Load	0	at	1440 RPM	Cut-out	0		Cut-In	0	RPM

Aneroid Check or Rack Sensor

RPM=	1	at	hPa(V)	mmRT	at	hPa(V)	mmRT	at	hPa(V)	mmRT
1300	0	at	0 hPa(V)	9.8 mmRT	at	390 hPa(V)	10.7 mmRT	at	965 hPa(V)	13.5 mmRT

Torque Control Or Speed-Sensor Signal-V

1	at	RPM	mmRT	at	RPM	mmRT	at	RPM	mmRT
0	at	1300 RPM	14.5 mmRT	at	1100 RPM	13.4 mmRT	at	800 RPM	12.0 mmRT