

TP 001 Fuel Pump Test Data In – Line



Equipment Specification

Fuel pump: BPE4A60S120S6341EL
Governor: BEP/AMN80A102X
Injector: BKB60S622
Nozzle: BDN4S1 set @ 120 ats

Instillation Specification.

Application: Tractor Ferguson
Engine Type: TEF 20C

Test Rig Conditions.

Nozzle Holders: BKB50SD19b
Nozzle: BDN12SD12
Injection Setting Pressure: 175 atm.
High Pressure Pipes: 6mm x 2mm x 600mm long.

Test Procedure.

Phasing:
Set No 1 line to 0.5. Plus Or Minus 0.05 Head Clearance.
Phase other lines to within Plus or Minus 0.5 degrees of No 1.
Firing Order: 1. 3. 4. 2 Clock Wise Rotation from No 1 end.

Calibration Order of Tests:

TEST No:	C.R.O In Mm's	R.P.M	No of Strokes	Fuel Delivery c.c's	Max Spread cc's
1	7	200	200	1.2 -1.8	0.4
2	11	600	200	6.4 – 6.8	0.3
3	Not Less Than 2	1000	=	zero	=
Remarks: Maximum Fuel Setting: 6.5ccs to 6.8ccs /200 strokes @ 600 RPM					

This is a re-issue of a CAV Test Plan.
Peter Slater FIE