

SuperFlow Corporation

3512 N. Tejon
 Colorado Springs, CO 80907
 Phone: (719) 471-1746
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"Corrected Torque and Power" from test DATA12bestnofilter.SFD

Test Information:

File name: DATA12bestnofilter.SFD (SF901.cfa)
 Data page: Corrected Torque and Power - 34 lines total
 Tested on: Dec 28, 2013

Test Description:

Terry Tinney
 Job # 3112

BMW M30
 Dry Sump
 Customers header, 36" 3" tube extensions on each collector.

30 BTDC

205A 180M Back to F7 Tubes ***** Matching tubes !!!

Specifications:

EngBor 3.701 inches, EngCyc 4 cycles, EngCyl 6 number, EngStr 3.386 inches, FuelSG 0.730 ratio,
 IntLng 15 inches, StrTst 1,332 second, VapPrs 0.45 InHg

EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	Fuel A lb/hr	Fuel B lb/hr	A/F Ratio	Air 1 scfm	BSFC lb/hph	VolEff %
3,800	267.3	193.4	92.4	1.7	0.00	0	0.492	0.0
3,900	265.6	197.2	92.0	1.7	0.00	0	0.481	0.0
4,000	266.6	203.1	91.6	1.7	0.00	0	0.465	0.0
4,100	271.3	211.8	92.7	1.7	0.00	0	0.451	0.0
4,200	274.0	219.1	95.1	1.7	0.00	0	0.447	0.0
4,300	281.1	230.1	100.8	1.7	0.00	0	0.450	0.0
4,400	284.6	238.5	104.8	0.0	0.00	0	0.444	0.0
4,500	286.4	245.4	105.8	0.0	0.00	0	0.436	0.0
4,600**	290.1	254.1	108.5	0.0	0.00	0	0.432	0.0
4,700	293.1	262.3	113.9	0.0	0.00	0	0.439	0.0
4,800	294.9	269.5	114.2	0.0	0.00	0	0.429	0.0
4,900	296.5	276.6	117.4	0.0	0.00	0	0.430	0.0
5,000	297.9	283.6	119.4	0.0	0.00	0	0.427	0.0
5,100	298.9	290.2	121.2	0.7	0.00	0	0.426	0.0
5,200	300.8	297.8	123.5	0.8	0.00	0	0.423	0.0
5,300	300.1	302.9	125.8	0.9	0.00	0	0.424	0.0
5,400	301.7	310.1	127.7	1.0	0.00	0	0.420	0.0
5,500	301.2	315.4	128.4	1.0	0.00	0	0.416	0.0
5,600	300.7	320.6	126.9	1.0	0.00	0	0.404	0.0
5,700	300.0	325.5	128.6	1.0	0.00	0	0.403	0.0
5,800	300.0	331.3	130.3	1.0	0.00	0	0.402	0.0
5,900	297.4	334.1	130.3	0.0	0.00	0	0.395	0.0
6,000	298.3	340.7	136.0	0.0	0.00	0	0.405	0.0
6,100	298.0	346.1	140.0	0.0	0.00	0	0.410	0.0
6,200	296.3	349.7	143.3	0.0	0.00	0	0.415	0.0
6,300	294.8	353.6	144.9	0.0	0.00	0	0.415	0.0
6,400	294.0	358.3	148.0	0.0	0.00	0	0.418	0.0
6,500	292.0	361.4	148.9	0.0	0.00	0	0.417	0.0
6,600	289.3	363.5	147.9	0.0	0.00	0	0.412	0.0

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6,700	287.1	366.2	147.8	0.0	0.00	0	0.409	0.0
6,800	284.9	368.8	150.2	0.0	0.00	0	0.412	0.0
6,900	280.4	368.4	146.3	0.0	0.00	0	0.402	0.0
7,000	277.0	369.2	152.3	0.0	0.00	0	0.417	0.0
7,100**	273.8	370.1	157.0	0.0	0.00	0	0.429	0.0
Max**								
7,100	301.7	370.1	157.0	1.0	0.00	0	0.439	0.0

