

Sperry Engines

Scott Sperry
Owner
5711 16th. Avenue SW
Cedar Rapids, IA 52404

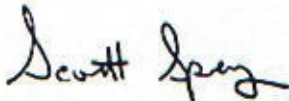
Telephone 319-390-8636

Mark Maloney
Petron Plus
408 Edgewood Road NW
Cedar Rapids, IA 52405

Dear Mark,

I wanted to write this note to share our findings with you, now that we have completed our Dyno work on two engines. When you first came in to show us your product, we were a bit skeptical. You went through your demonstration with the bearing machine and that was impressive! Now that we have run your product on the Dyno, **We Are Believers**. Each time we did our Dyno test, we made several passes on the motor, got our results and then treated the engines with Petron Plus engine conditioner. No other changes were made to the engines. On each test, with the Petron in the motor, the results were excellent. We found that the engine produced an additional 5 to 11 horsepower and up to an additional 10 foot pounds of torque. The interesting thing about these findings is that each of these motors used less fuel and had better efficiency readings on the Dyno to get the better results. It is apparent to me that Petron Plus really does reduce friction and wear, along with reduced operating temperatures. This is not only beneficial for the race motors we build, but for the daily drivers also. Everyone wants better gas mileage. One other side note is that we used your Petron Plus Super Lube while drilling and balancing a 4340 steel crank and it cut through it like butter. I can see a real benefit. These drill bits are very expensive to replace and now that won't have to happen quite as often. If any of your customers have any questions, tell them to give me a call!

Sincerely,



Scott Sperry
Owner
Sperry Engines

Tested at Sperry Engine / Before Petron /
Cedar Rapids Iowa

Listing of: (memory data)
Channel Group: Corrected Torque and Power Page 1 of 2
Printed on Nov 13, 2001 at 17:39:16
Test Description: Accel. Test - 300 rpm/second

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 %
3000	452.2	* 258.3	117.3	95.5	5.60	260	0.882	84.6
3100	453.0	267.4	117.8	96.6	5.59	262	0.858	82.3
3200	447.7	272.8	115.0	99.3	5.70	267	0.841	81.2
3300	438.7	275.6	112.9	102.0	5.75	270	0.835	79.7
3400	433.2	280.4	117.4	105.4	5.70	277	0.851	79.5
3500	421.3	280.7	131.2	100.4	5.60	283	0.885	78.8
3600	414.9	284.4	125.9	98.0	5.91	289	0.844	78.2
3700	413.7	291.4	115.0	104.7	6.26	300	0.809	79.1
3800	410.9	297.3	121.4	113.5	6.09	312	0.848	80.1
3900	415.9	308.8	118.2	115.8	6.26	320	0.813	79.9
4000	428.0	326.0	121.4	120.0	6.17	325	0.795	79.2
4100	446.4	348.5	124.0	127.5	6.07	334	0.774	79.3
4200	470.4	376.2	129.0	130.7	6.20	352	0.740	81.6
4300	485.0	397.1	140.5	137.9	6.18	376	0.752	85.2
4400	503.7	422.0	154.0	145.8	6.12	400	0.762	88.6
4500	514.2	440.6	168.9	150.6	6.06	423	0.778	91.5
4600	513.5	449.8	179.5	160.6	5.99	445	0.810	94.2
4700	526.4	471.0	183.4	168.8	5.99	461	0.801	95.5
4800	523.6	478.5	191.5	172.7	5.92	471	0.816	95.5
4900	523.1	488.1	199.0	184.7	5.80	486	0.843	96.6
5000	519.4	494.5	207.3	183.8	5.84	499	0.848	97.1
5100	522.3	507.1	212.4	192.1	5.78	510	0.856	97.4
5200	521.1	515.9	210.3	195.2	5.91	523	0.843	98.0
5300	515.2	519.9	225.0	196.3	5.77	531	0.870	97.6
5400	513.0	527.4	224.8	207.0	5.71	539	0.879	97.2
5500	513.3	537.5	237.4	213.5	5.60	551	0.901	97.6
5600	501.5	534.7	241.6	211.6	5.64	558	0.910	97.1
5700	500.0	542.7	247.3	205.8	5.70	564	0.897	96.3
5800	498.3	550.3	263.6	221.6	5.41	573	0.948	96.2
5900	492.0	552.7	265.3	232.2	5.35	581	0.968	95.9
6000	479.7	548.0	260.9	217.6	5.65	591	0.939	95.9
6100	476.8	553.7	245.9	222.0	5.85	598	0.909	95.4
6200	468.6	553.2	251.2	226.9	5.77	603	0.931	94.7
6300	465.6	558.5	259.4	240.9	5.56	608	0.965	93.9
6400	454.0	553.3	256.3	237.0	5.67	611	0.961	92.9
6500	449.1	555.8	244.5	243.7	5.78	617	0.947	92.4
6600	440.0	552.9	254.6	248.7	5.65	621	0.983	91.7
6700	434.9	554.8	263.6	252.7	5.54	625	1.005	90.8
6800	425.2	550.6	277.6	249.4	5.46	628	1.035	90.0
6900	417.9	549.0	261.8	239.9	5.76	631	0.989	89.1

Tested at Sperry Engine
Cedar Rapids Iowa.

After Petron

Listing of: (memory data)

Channel Group: Corrected Torque and Power Page 1 of 2

Printed on Nov 13, 2001 at 19:39:47

Test Description: Accel. Test - 300 rpm/second

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 %
** 3200	454.2	276.7 ^{1.9}	113.0	103.7	5.66	268	0.838	81.5
3300	448.5	281.8 ^{2.2}	116.2	105.0	5.63	272	0.841	80.3
3400	438.0	283.6 ^{3.2}	121.8	103.2	5.60	275	0.850	78.9
3500	425.7	283.7 ^{3.6}	122.1	104.1	5.70	282	0.855	78.4
3600	419.5	287.6 ^{3.2}	124.6	106.4	5.71	288	0.861	78.0
3700	413.5	291.3 ^{3.0}	126.2	110.0	5.80	299	0.870	78.8
3800	413.8	299.4 ^{2.7}	124.3	113.3	5.99	311	0.852	79.7
3900	408.7	303.5 ^{2.5}	118.9	113.8	6.25	318	0.823	79.4
4000	427.7	325.7 ^{2.3}	116.7	124.2	6.18	325	0.794	79.2
4100	443.4	346.1 ^{2.2}	124.0	127.4	6.17	339	0.779	80.5
4200	463.9	371.0 ^{2.1}	123.1	130.4	6.35	352	0.733	81.6
4300	489.2	400.5 ^{2.0}	135.0	144.8	6.13	375	0.749	84.9
4400	501.7	420.3 ^{1.9}	150.5	149.3	6.04	395	0.765	87.5
4500	518.3	444.1 ^{1.8}	161.8	160.8	6.00	423	0.779	91.5
4600	526.5	461.1 ^{1.8}	170.3	166.0	6.02	442	0.782	93.6
4700	524.8	469.6 ^{1.8}	176.2	172.7	6.02	459	0.797	95.0
4800	527.7	482.3 ^{1.8}	185.8	176.6	6.00	475	0.806	96.4
4900	529.3	493.8 ^{1.8}	193.3	188.2	5.85	488	0.829	96.9
5000	529.2	503.8 ^{1.8}	195.1	183.5	6.07	502	0.806	97.8
5100	527.5	512.2 ^{1.8}	203.6	193.6	5.93	514	0.832	98.2
5200	523.6	518.4 ^{1.8}	203.7	195.1	6.02	524	0.826	98.2
5300	520.8	525.6 ^{1.8}	214.9	205.3	5.84	536	0.858	98.5
5400	514.8	529.3 ^{1.8}	217.9	198.8	5.99	546	0.845	98.4
5500	512.7	536.9 ^{1.8}	222.7	221.7	5.72	556	0.889	98.4
** 5600	505.8	539.3 ^{1.8}	234.8	219.7	5.66	562	0.905	97.8
5700	499.3	541.8 ^{1.8}	255.0	219.3	5.48	568	0.941	97.0
5800	494.4	546.0 ^{1.8}	251.6	232.9	5.46	578	0.954	97.1
5900	493.6	554.5 ^{1.8}	261.3	228.8	5.49	588	0.951	97.1
6000	480.2	548.6 ^{1.8}	234.4	227.7	5.88	594	0.907	96.4
6100	478.8	556.1 ^{1.8}	245.1	244.1	5.61	600	0.947	95.8
6200	474.5	560.1 ^{1.8}	241.4	239.3	5.77	606	0.924	95.2
6300	464.5	557.2 ^{1.8}	241.2	227.0	5.96	610	0.906	94.3
6400	460.5	561.1 ^{1.8}	232.5	237.2	5.98	613	0.902	93.3
6500	452.4	559.9 ^{1.8}	247.9	240.8	5.79	618	0.942	92.7
6600	443.8	557.7 ^{1.8}	251.2	244.1	5.73	620	0.959	91.5
6700	439.1	560.1 ^{1.8}	254.9	245.5	5.71	624	0.965	90.6
6800	434.0	562.0 ^{1.8}	260.9	240.0	5.76	630	0.964	90.2
6900	423.6	556.5 ^{1.8}	247.3	255.6	5.78	634	0.978	89.6
7000	414.6	552.6	259.2	268.1	5.55	639	1.033	88.9
7100	404.7	547.1	262.0	261.0	5.62	643	1.036	88.1