



Western Star Trucks North

26124 TWP RD. 531A
Acheson AB, T7X 5A1
780-453-3452

Name	Vehicle Serial No.	5KJRALD16DPFG2539	Work Order	
Engine Make	Engine ID	473902S0157544	Dyno Operator	844
Engine Model	Engine Rating	600HP		

Operator Notes

PERFORMED PRE DYNO CHECKS AND FOUND #2 OUTPUT LEAKING PAST NUT. FUEL RAIL HOLD DOWN BOLT MISSING FROM FRONT HOLD DOWN. CEL, MIL , AND SEL DONT WORK ON BULB CHECK BUT SEL WORK WHEN COMMANDED THROUGH DL8 BUT CEL AND MIL DONT WORK AT ALL. 2 CODE ACTIVE IN MCM FOR INTAKE TEMP SENSOR. (REPAIRED). #4 DIFF TEMP AND LOCK WIRING BROKEN. PTO LEAK FROM MOUNT BOLT. UNIT DELETED BUT TEMPS SENSORS WORK THROUGH DL8 SO NO PYRO NEEDED TO BE INSTALLED.

Other Comments

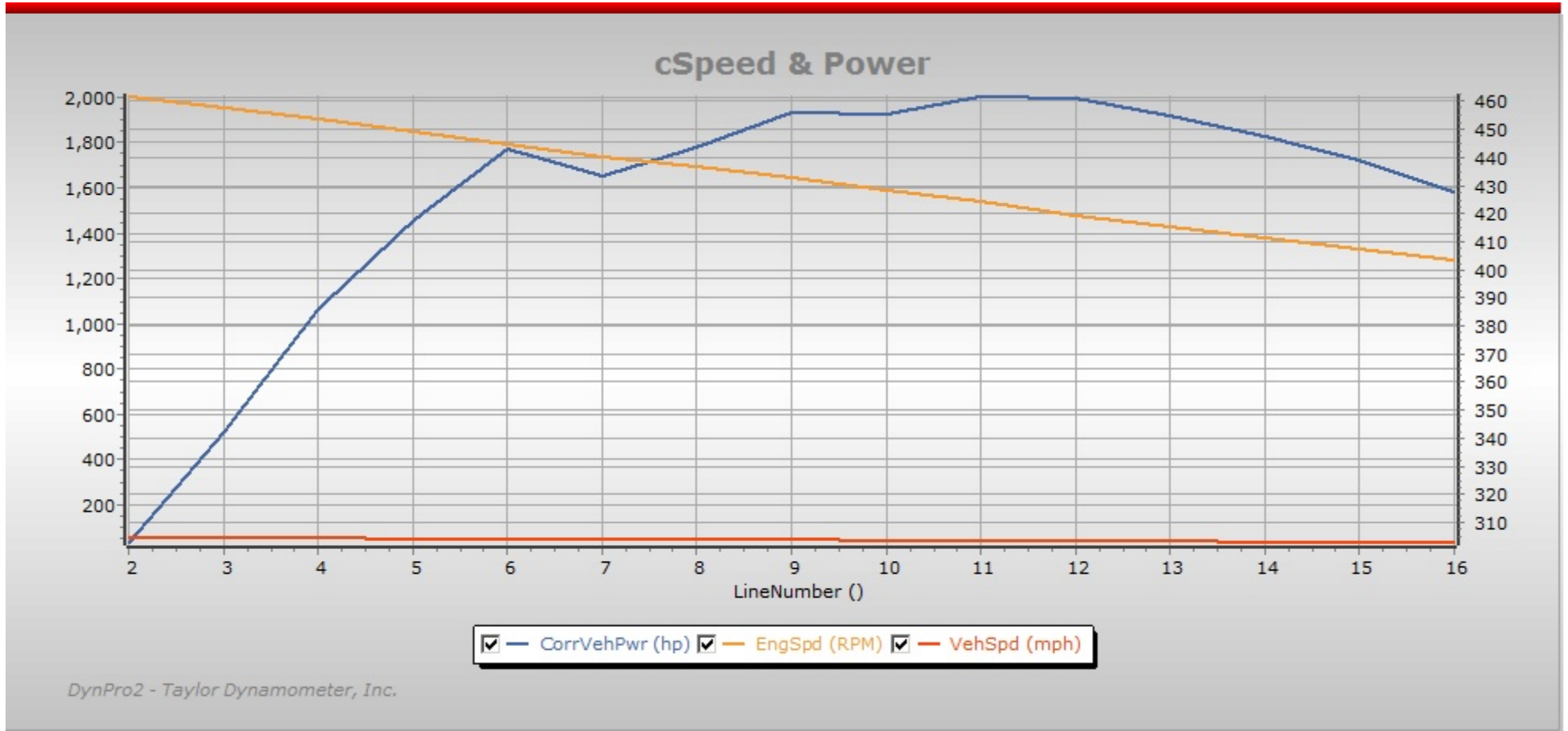
ENGINE RATED 600 HP
UNIT PULLED 462 HP AT TIRES
MAX BOOST SEEN 30 PSI
MAX COOLANT TEMP SEEN 220 FAHRENEHEIT
MAX EXHAUST TEMP SEEN (THROUGH DL8 DOC INLET TEMP) 845 FAHRENHEIT
MAX BLOW BY 3.1 inH20 (MAX ALLOWABLE 5 inH20)



NORTH

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LineNumber ()	CorrVehPwr (hp)	EngSpd (RPM)	VehSpd (mph)	BlowP (inH2O)	eOilP (psi)	eInletMfldP (psi)	eCoolantT (° F)
Starting Step Test							
2	303	2006	60	2.5	66.1	20.6	196
3	343	1958	59	2.4	64.4	21.5	199
4	386	1909	57	2.5	62.7	22.6	201
5	418	1851	55	2.4	62.1	23.5	203
6	443	1797	53	2.8	60.3	24.7	203
7	434	1742	52	2.5	58.0	25.2	205
8	444	1695	50	2.6	55.7	25.8	205
9	456	1646	49	2.7	53.4	26.7	207
10	456	1591	47	2.8	51.1	27.3	208
11	462	1546	46	3.1	48.7	28.1	210
12	461	1482	44	3.1	45.8	28.7	210
13	455	1434	42	4.0	44.1	29.0	212
14	448	1382	41	2.8	41.2	29.3	214
15	439	1334	40	2.6	39.5	29.3	214
16	428	1285	38	2.5	37.1	29.0	216