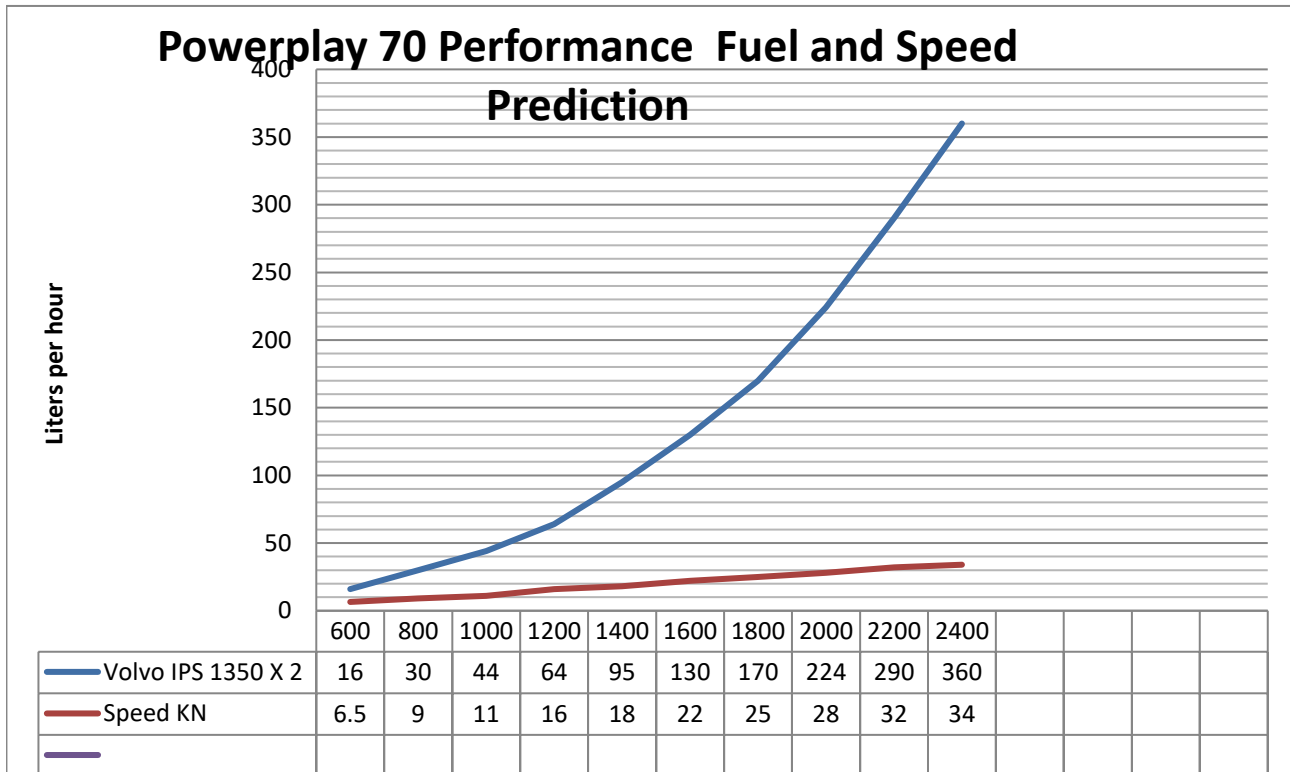


Powerplay 70 Performance Prediction without foils

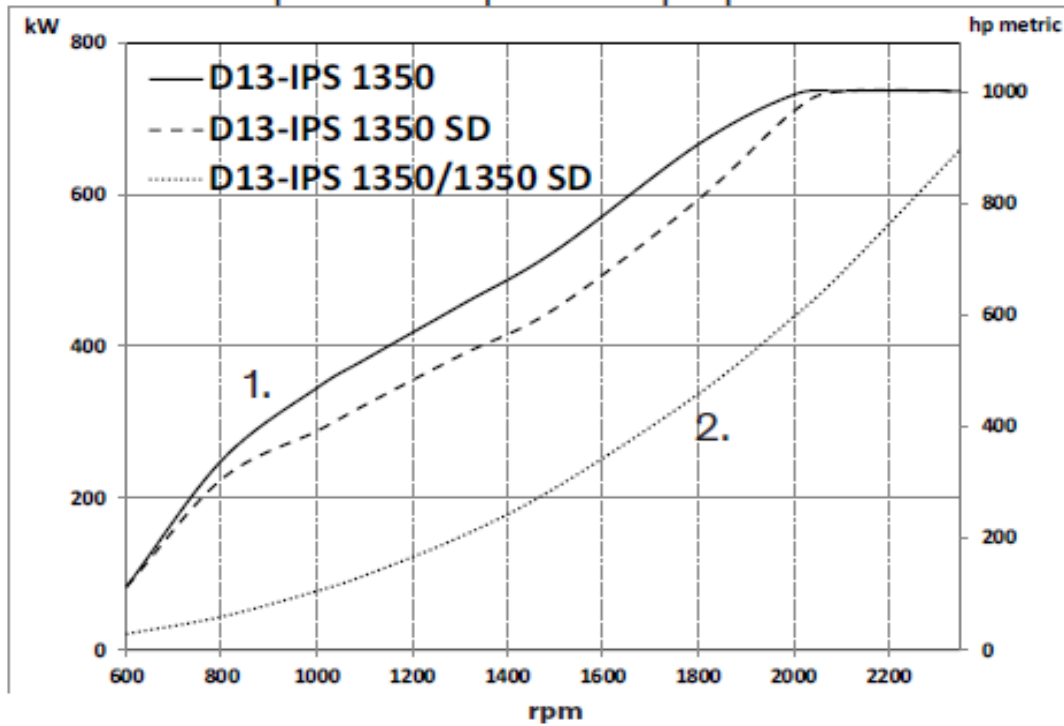
8000 l fuel 2000 l water 6 crew and stores Full load 46,000 kg

HP x 1	HP x Twin	RPM	Volvo IPS 1350 X 2 L/H	Speed KN	L/Nm	Range 8000L Fuel
114	228	600.00	16.00	6.50	2.46	3250.00
340	680	800.00	30.00	9.00	3.33	2400.00
450	900	1000.00	44.00	11.00	4.00	2000.00
550	1100	1200.00	64.00	16.00	4.00	2000.00
650	1300	1400.00	95.00	18.00	5.28	1515.79
750	1500	1600.00	130.00	22.00	5.91	1353.85
904	1808	1800.00	170.00	25.00	6.80	1176.47
993	1986	2000.00	224.00	28.00	8.00	1000.00
1000	2000	2200.00	290.00	32.00	9.06	882.76
1000	2000	2400.00	360.00	34.00	10.59	755.56



Power

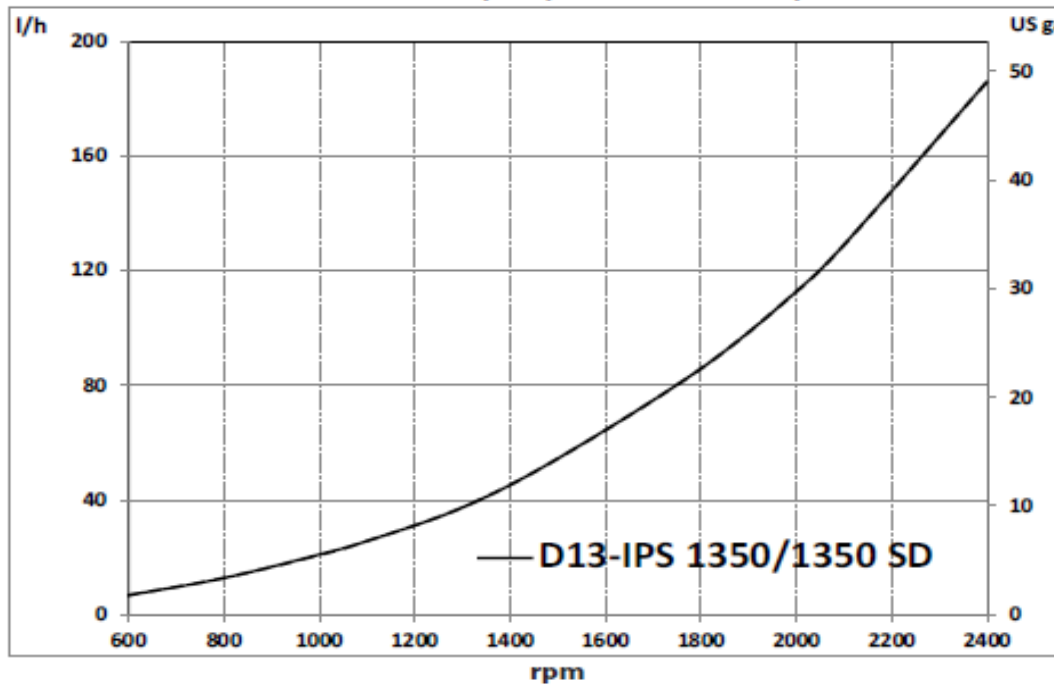
1. Crankshaft power
2. Propellershaft power at prop. load $x^{2,5}$



Torque

Fuel consumption

At calculated propeller load exp. 2.5



al/h
