

Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25
40.0	2.19	3.21	4.17	5.01	5.78	6.51	7.21	8.39	9.65
45.0	2.39	3.50	4.50	5.38	6.19	6.96	7.67	8.86	10.25
52.0	2.62	3.81	4.85	5.77	6.63	7.43	8.14	9.38	11.01
60.0	2.81	4.07	5.14	6.10	7.00	7.81	8.52	9.84	11.77
70.0	2.96	4.26	5.36	6.35	7.28	8.09	8.82	10.26	12.50
75.0	3.01	4.32	5.42	6.43	7.37	8.18	8.92	10.40	12.73
80.0	3.03	4.35	5.46	6.47	7.41	8.23	8.97	10.49	12.89
90.0	3.02	4.33	5.45	6.46	7.41	8.23	8.98	10.53	12.95
100.0	2.98	4.26	5.34	6.34	7.28	8.11	8.86	10.38	12.73
110.0	2.93	4.19	5.25	6.22	7.13	7.94	8.68	10.14	12.54
120.0	3.25	4.63	5.81	6.91	7.91	8.79	9.65	11.71	15.15
130.0	3.07	4.41	5.55	6.61	7.58	8.44	9.25	11.04	14.02
135.0	2.95	4.24	5.35	6.37	7.32	8.17	8.96	10.60	13.32
140.0	2.79	4.03	5.11	6.09	7.02	7.87	8.65	10.19	12.63
150.0	2.46	3.58	4.61	5.54	6.41	7.26	8.03	9.45	11.45
160.0	2.21	3.24	4.23	5.12	5.96	6.77	7.55	8.94	10.73
165.0	2.13	3.14	4.10	4.98	5.80	6.60	7.37	8.76	10.48
170.0	2.07	3.05	3.99	4.86	5.68	6.46	7.23	8.61	10.29
180.0	2.00	2.94	3.86	4.71	5.50	6.27	7.02	8.38	10.01
Up.Vs	2.34	3.40	4.31	5.10	5.84	6.56	7.20	8.22	9.44
Up.Bt	43.7	43.2	42.0	41.1	40.6	40.5	39.9	38.4	38.3
Up.Vmg	1.69	2.48	3.20	3.84	4.43	4.99	5.52	6.44	7.40
Dn.Vs	2.68	3.76	4.64	5.07	5.83	6.59	7.31	8.61	10.35
Dn.Bt	143.3	146.0	149.5	161.5	164.3	165.5	167.0	169.8	168.3
Dn.Vmg	2.14	3.11	3.99	4.81	5.61	6.38	7.12	8.47	10.14

Best Heel Angles (deg)

	4	6	8	10	12	14	16	20	25
40.0	1.41	1.96	2.51	3.05	3.60	4.16	4.73	5.91	7.57
45.0	1.43	1.98	2.54	3.08	3.62	4.18	4.74	5.91	7.56
52.0	1.43	1.99	2.53	3.06	3.60	4.14	4.68	5.80	7.43
60.0	1.42	1.95	2.47	2.99	3.50	4.01	4.53	5.60	7.18
70.0	1.36	1.87	2.36	2.84	3.32	3.79	4.26	5.26	6.73
75.0	1.33	1.82	2.28	2.74	3.20	3.66	4.11	5.06	6.46
80.0	1.29	1.76	2.20	2.64	3.08	3.51	3.94	4.84	6.16
90.0	1.20	1.61	2.01	2.41	2.80	3.18	3.56	4.36	5.50
100.0	1.09	1.46	1.80	2.15	2.49	2.82	3.15	3.84	4.79
110.0	0.99	1.29	1.59	1.88	2.17	2.45	2.73	3.29	4.09
120.0	1.14	1.52	1.90	2.28	2.65	3.02	3.39	4.19	5.36
130.0	0.99	1.30	1.60	1.90	2.19	2.48	2.77	3.38	4.24
135.0	0.91	1.18	1.44	1.70	1.96	2.21	2.47	3.01	3.73
140.0	0.83	1.05	1.28	1.51	1.74	1.97	2.20	2.68	3.31
150.0	0.70	0.86	1.03	1.21	1.39	1.58	1.77	2.16	2.65
160.0	0.63	0.74	0.87	1.01	1.15	1.29	1.44	1.75	2.14
165.0	0.60	0.69	0.79	0.91	1.02	1.15	1.27	1.53	1.87
170.0	0.57	0.64	0.71	0.80	0.89	0.99	1.08	1.29	1.55
180.0	0.52	0.52	0.53	0.54	0.56	0.57	0.59	0.64	0.70
Up	1.42	1.98	2.52	3.06	3.61	4.16	4.73	5.90	7.55
Dn	0.78	0.93	1.04	0.98	1.04	1.13	1.20	1.30	1.67

Best Leeway

	4	6	8	10	12	14	16	20	25
40.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
45.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
52.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
60.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
70.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
75.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
80.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
90.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
100.0	5.49	5.73	6.00	6.00	6.00	6.00	6.00	6.00	6.00
110.0	4.29	4.47	4.73	4.96	5.11	5.26	5.42	5.51	4.73
120.0	4.36	4.58	4.84	5.02	5.17	5.32	5.39	4.94	3.54
130.0	3.26	3.39	3.57	3.71	3.81	3.92	4.01	3.86	2.99
135.0	2.74	2.84	3.00	3.12	3.22	3.32	3.42	3.41	2.77
140.0	2.26	2.35	2.48	2.62	2.72	2.82	2.92	3.00	2.57
150.0	1.55	1.63	1.73	1.85	1.96	2.05	2.14	2.30	2.18
160.0	1.09	1.14	1.21	1.29	1.38	1.44	1.50	1.63	1.63
165.0	0.84	0.88	0.93	0.99	1.05	1.11	1.15	1.24	1.26
170.0	0.57	0.60	0.63	0.67	0.71	0.75	0.77	0.83	0.86
180.0	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
Up	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Dn	1.99	1.88	1.76	1.21	1.10	1.07	1.00	0.85	1.00

Best SailSet

	4	6	8	10	12	14	16	20	25
40.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
45.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
52.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
60.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
70.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
75.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
80.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
90.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
100.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
110.0	Up	Up	Up	Up	Up	Up	Up	Up	Up
120.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
130.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
135.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
140.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
150.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
160.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
165.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
170.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
180.0	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn
	Up	Up	Up	Up	Up	Up	Up	Up	Up
	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn	Dn

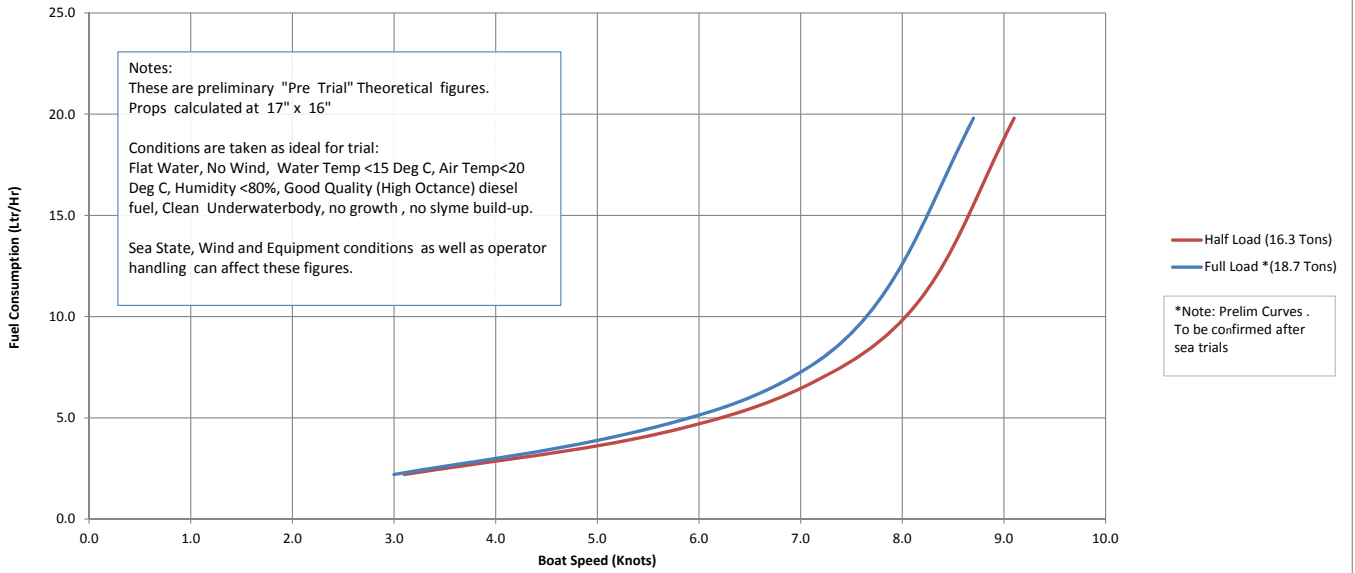
Best Apparent Wind Speed

	4	6	8	10	12	14	16	20	25
40.0	5.8	8.7	11.5	14.2	16.8	19.4	22.0	26.9	32.9
45.0	5.9	8.8	11.6	14.3	16.9	19.5	22.1	26.9	32.9
52.0	6.0	8.9	11.6	14.3	16.9	19.5	21.9	26.7	32.8
60.0	5.9	8.8	11.5	14.1	16.6	19.1	21.5	26.3	32.4
70.0	5.7	8.5	11.0	13.5	16.0	18.4	20.7	25.3	31.4
75.0	5.6	8.2	10.8	13.2	15.6	17.9	20.2	24.7	30.7
80.0	5.4	8.0	10.4	12.8	15.1	17.4	19.6	24.1	29.9
90.0	5.0	7.4	9.7	11.9	14.1	16.2	18.3	22.5	28.0
100.0	4.6	6.7	8.8	10.9	12.9	14.9	16.8	20.8	25.9
110.0	4.1	6.0	7.9	9.8	11.7	13.5	15.3	19.0	23.7
120.0	3.7	5.5	7.2	8.9	10.6	12.3	14.0	17.5	21.9
130.0	3.1	4.7	6.2	7.7	9.3	10.8	12.4	15.5	19.4
135.0	2.9	4.3	5.7	7.2	8.6	10.1	11.7	14.7	18.4
140.0	2.6	3.9	5.3	6.7	8.1	9.5	11.0	14.0	17.5
150.0	2.3	3.4	4.7	6.0	7.3	8.6	10.0	12.9	16.3
160.0	2.1	3.2	4.3	5.6	6.8	8.1	9.4	12.2	15.6
165.0	2.1	3.1	4.2	5.4	6.7	7.9	9.2	11.9	15.3
170.0	2.0	3.1	4.2	5.4	6.6	7.8	9.1	11.8	15.2
180.0	2.0	3.1	4.2	5.4	6.6	7.9	9.1	11.8	15.2
Up	5.9	8.8	11.6	14.2	16.8	19.4	22.0	26.9	32.8
Dn	2.5	3.6	4.7	5.5	6.7	7.9	9.2	11.8	15.2

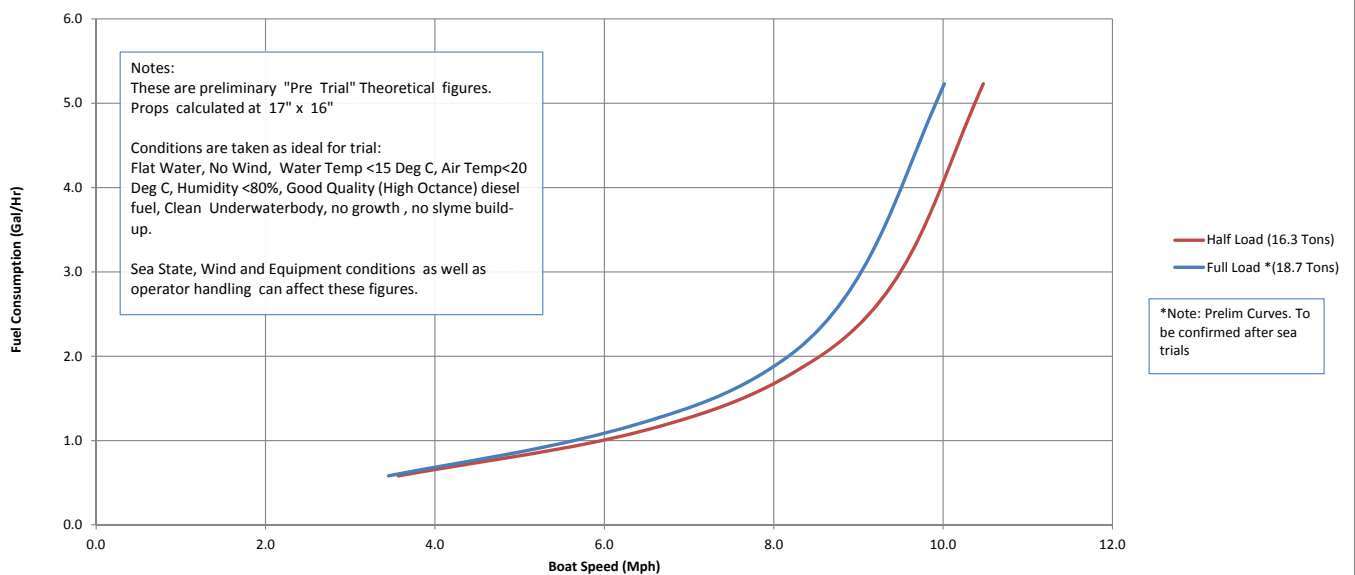
Best Apparent Wind Angle

	4	6	8	10	12	14	16	20	25
40.0	26.1	26.3	26.5	26.9	27.2	27.5	27.8	28.3	28.9
45.0	28.4	28.7	29.1	29.6	30.0	30.3	30.7	31.4	32.1
52.0	31.8	32.2	32.8	33.4	33.9	34.4	34.9	35.9	36.5
60.0	35.7	36.3	37.1	37.9	38.6	39.2	39.9	41.0	41.5
70.0	40.9	41.7	42.8	43.8	44.7	45.5	46.3	47.6	47.9
75.0	43.7	44.6	45.8	46.9	47.8	48.8	49.7	51.0	51.3
80.0	46.6	47.6	49.0	50.1	51.2	52.2	53.2	54.5	54.8
90.0	52.9	54.1	55.7	57.1	58.3	59.5	60.6	62.1	62.5
100.0	59.8	61.4	63.3	64.9	66.2	67.6	68.8	70.6	71.1
110.0	67.4	69.2	71.4	73.4	74.9	76.4	77.9	80.0	80.3
120.0	70.5	72.9	75.7	77.9	79.9	81.9	83.5	84.7	83.3
130.0	81.2	83.6	86.6	89.1	91.2	93.4	95.2	97.1	96.5
135.0	88.1	90.5	93.5	96.1	98.2	100.3	102.2	104.4	104.2
140.0	96.6	98.8	101.7	104.2	106.1	108.0	109.7	112.1	112.4
150.0	117.2	118.7	120.5	122.4	123.9	125.2	126.4	128.5	129.5
160.0	138.9	139.7	140.6	141.6	142.6	143.4	144.1	145.5	146.4
165.0	149.4	150.0	150.5	151.3	152.0	152.6	153.1	154.1	154.8
170.0	159.8	160.1	160.5	160.9	161.4	161.8	162.1	162.7	163.3
180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Up	27.8	27.8	27.5	27.4	27.6	27.8	27.7	27.3	27.9
Dn	103.0	110.3	119.5	144.5	150.6	153.5	156.7	162.3	160.3

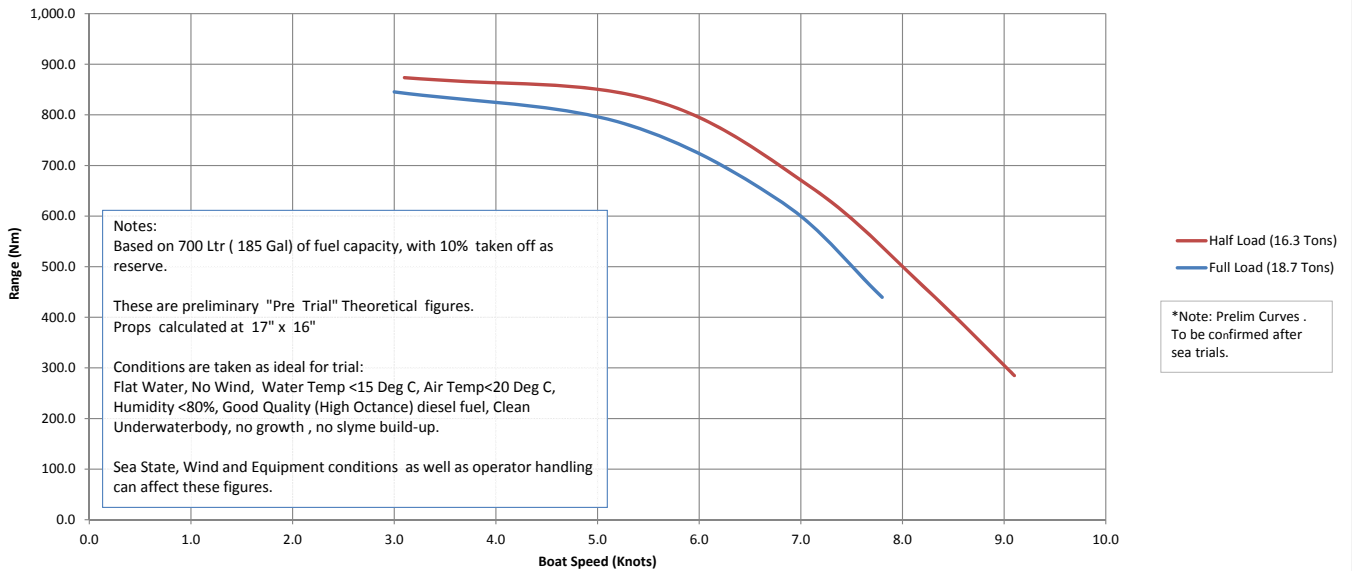
**LEOPARD 45: Speed(Knots)/Fuel Consumption(Ltr/Hr)*
2 x Yanmar 4JH45 Common Rail Series with SD 60 Saildrive**



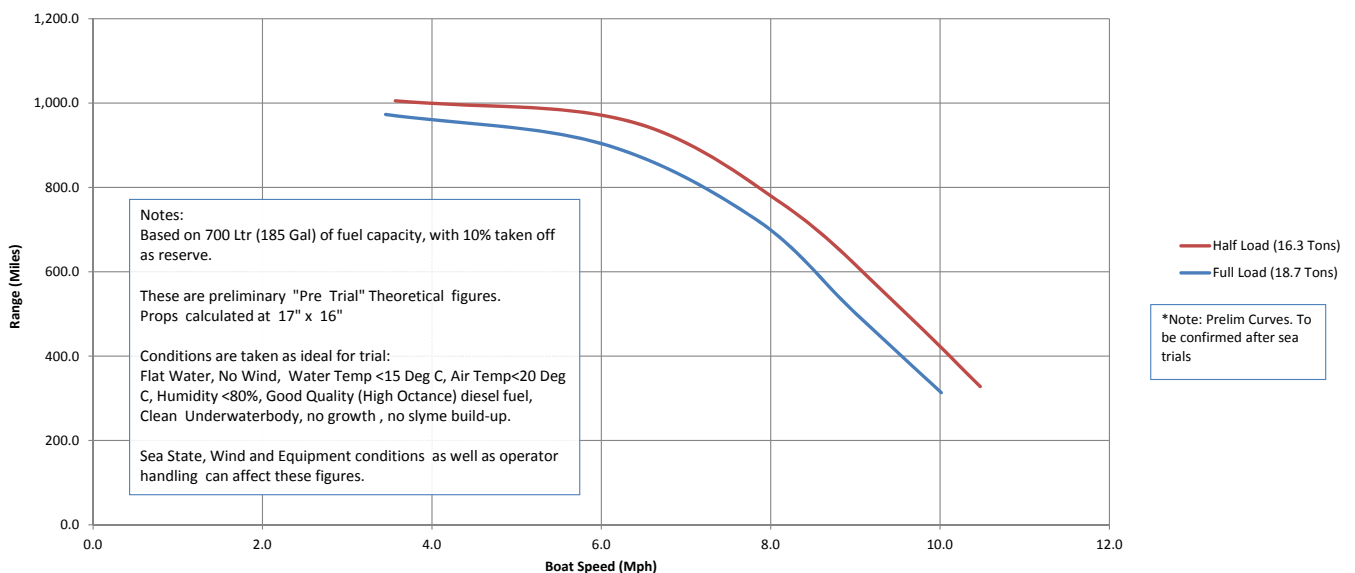
**LEOPARD 45: Speed(Mph)/Fuel Consumption(Gal/Hr)*
2 x Yanmar 4JH45 Common Rail Series with SD 60 Saildrive**

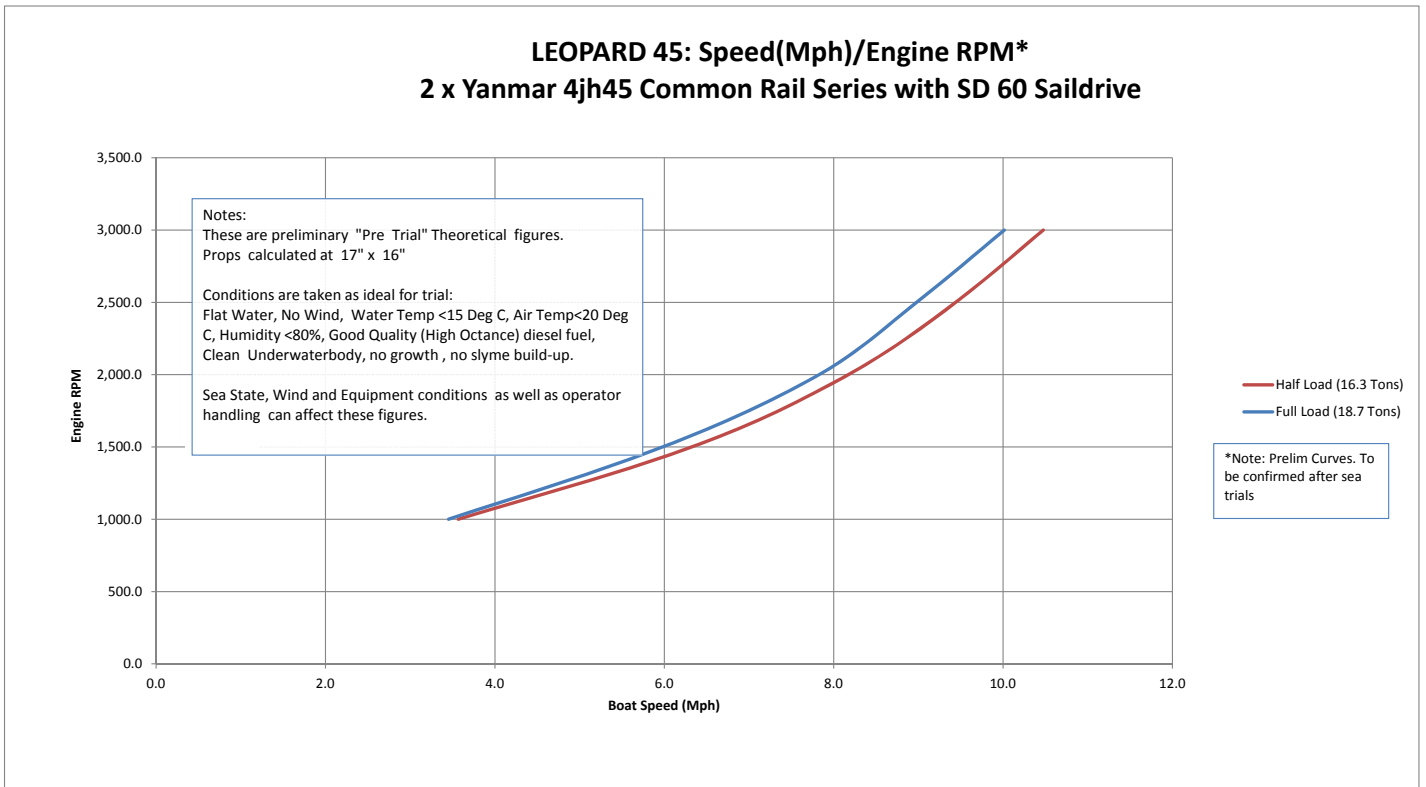
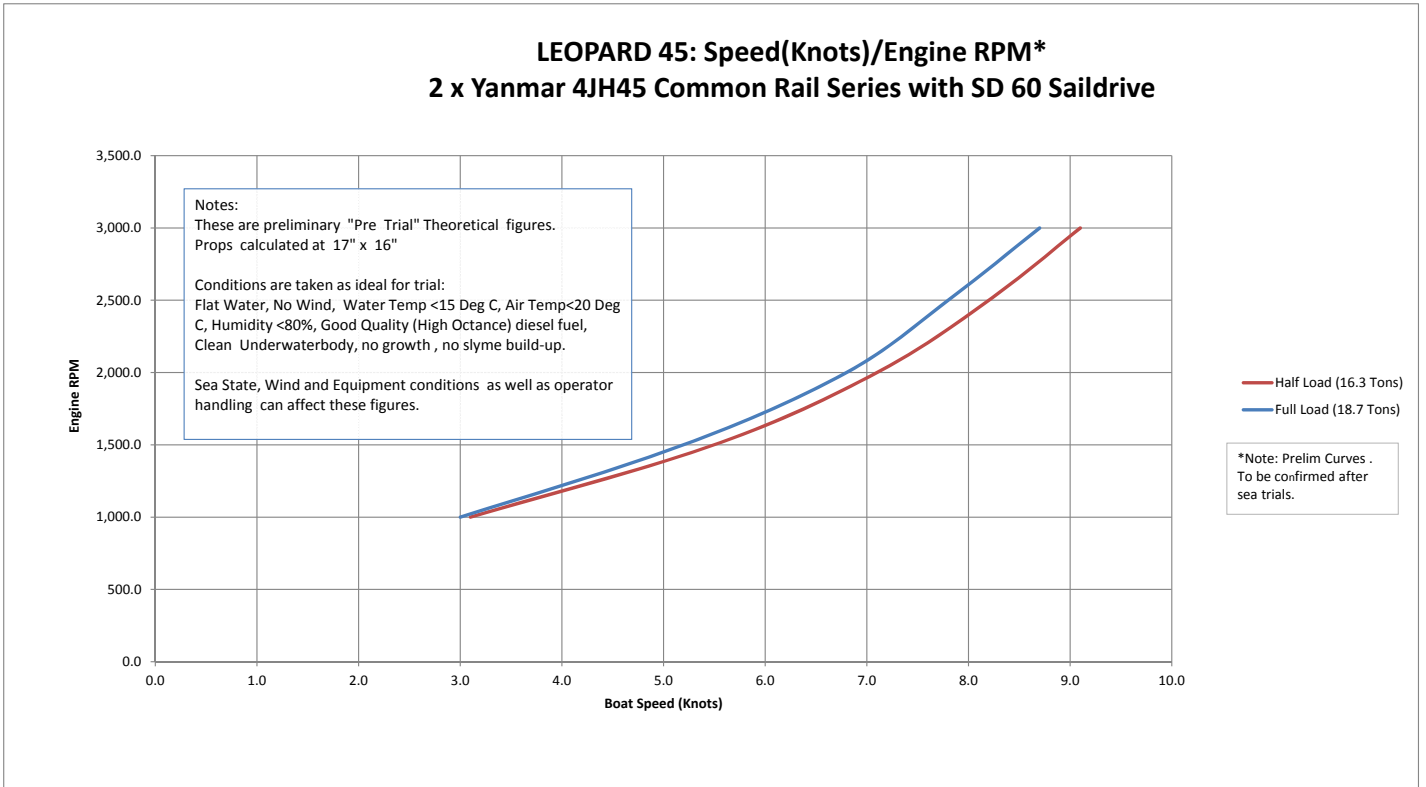


LEOPARD 45: Speed(Knots)/Range (Nm)* 2 x Yanmar 4JH45 Common Rail Series with SD 60 Saildrive



LEOPARD 45: Speed(Mph)/Range (Miles)* 2 x Yanmar 4JH45 Common Rail Series with SD 60 Saildrive





LEOPARD | 45

PRINCIPLE SPECIFICATIONS

LOA:	45' / 13.72m
LWL:	42'11" / 13.07
BEAM:	24'2" / 7.355m
DRAFT:	5'1" / 1.55m
DISPLACEMENT (light)	31,967lbs / 14,500kg
MAST HEIGHT (above water)	69'10" / 21.28m
WATER CAPACITY:	206 USgal / 780lt
FUEL CAPACITY:	185 USgal / 700lt
WASTE:	45 USgal / 170lt
ENGINE x 2:	Yanmar 4JH45 SD60 -- 45hp / 33kw
DESIGNER:	Simonis Voogd Design
MANUFACTURER:	Robertson and Caine