

TARGA 45 GT

PERFORMANCE DATA

TEST BOAT:	GT45-524
LOCATION:	North Sea, UK
ENGINES:	Volvo IPS600 D6-440
FUEL:	Diesel

FUEL LOAD:	100%
WATER LOAD:	100%

DRY WEIGHT:	13,000 kg
TEST WEIGHT:	15,267 kg

SEA TEMP:	19°C
AMBIENT TEMP:	17°C

WIND FORCE:	
SEA CONDITIONS:	

FUEL CAPACITY:	
Litres	1,309
US gallons	346

RPM	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3700
Knots	4.3	5.3	6.3	7.2	7.8	8.5	9.2	10	11.4	13.1	15.6	17.7	21.6	24.8	27.9	30.9

FUEL BURN		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3700
Litres/hour		4.2	7.8	12	17	24	33	44	61	77	91	109	123	137	150	160	173
US gallons/hour		1.11	2.06	3.17	4.49	6.34	8.72	11.62	16.1	20.3	24	28.8	32.5	36.2	39.6	42.3	45.7

Db at helm	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3700
	56	57	62	62	63	59	61	65	66	67	68	71	72	72	73	0

RANGE		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3700
Kilometers		1714	1138	879	708	544	431	349	274	246	241	241	264	277	291	282	307
Miles		1065	707	546	440	338	268	217	170	153	150	150	164	172	181	175	191

TEST BOAT:	GT45-505
LOCATION:	North Sea, UK
ENGINES:	Volvo IPS650 D6-480
FUEL:	Diesel

FUEL LOAD:	100%
WATER LOAD:	100%

DRY WEIGHT:	13,000 kg
TEST WEIGHT:	15,906 kg

SEA TEMP:	7.6°C
AMBIENT TEMP:	13°C

WIND FORCE:	
SEA CONDITIONS:	

FUEL CAPACITY:	
Litres	1,309
US gallons	346

RPM	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3790
Knots	5.4	6.3	7.6	9.1	9.8	10.5	10.9	11.8	13	14.7	16.9	19.7	23.4	26.4	30	32

FUEL BURN		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3790
Litres/hour		5.3	8.9	13	19.1	27	37	54	70	89	103	120	132	140	145	163	194
US gallons/hour		1.4	2.35	3.43	5.05	7.13	9.77	14.27	18.49	23.5	27.2	31.7	34.87	37	38.3	43	51.45

Db at helm	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3790
	70.6	61.4	65	66	66.6	67	67.9	71	72.5	71.5	72.9	73.7	74	73.9	73.9	77.1

RANGE		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3790
Kilometers		1706	1184	978	796	607	475	338	282	245	238	235	249	280	306	307	275
Miles		1060	736	608	495	377	295	210	175	152	148	146	155	174	190	191	171