

# Performance Bulletin

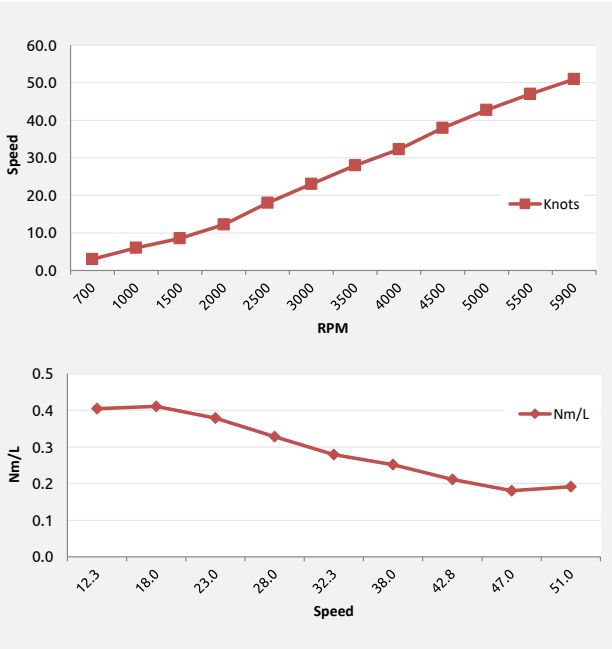
## Twin XTO 425hp V8 / Capelli Tempest 40



ENGINE		
Horsepower	425 hp	312.5 kw
Type & Displacement	Direct Injection	5559 cc
Configuration	V8 (60°), 32-valve, DOHC with VCT	
Weight	453.0 kg	
Gear Ratio	1.79	
Mounting Hole Position	30 mm	# 3
PROPELLER		
Series	XTO	
Diameter / Pitch	16 3/8	x 21
Part No.	6GR-45976-10-00	



BOAT SPECIFICATIONS	
Length	12.18 m
Beam	3.54 m
Dry Weight	3900 kg
Max HP	850 hp
Fuel Capacity	650 l
Weight as Tested (approx.)	5800 kg



TEST PERFORMANCE SUMMARY		
Max Average Speed	51 kn	
Best Cruising Nm/L	0.4 nm/l	
Range (95% fuel capacity & best Nm/L)	254 nm	
Acceleration time	5.1 sec	0 - 20 kn
	7.6 sec	0 - 30 kn

Comment: Tested weighth includes full tank of fuel, 3 battery, safety and test gear

PERFORMANCE DATA													
RPM	700	1000	1500	2000	2500	<b>3000</b>	3500	4000	4500	5000	5500	<b>5900</b>	
Knots	3.0	6.0	8.5	12.3	18.0	<b>23.0</b>	28.0	32.3	38.0	42.8	47.0	<b>51.0</b>	
L/h	3.3	2.4	2.4	2.5	2.4	<b>2.6</b>	3.0	3.6	4.0	4.7	5.5	<b>5.2</b>	
Nm/L	0.3	0.4	0.4	0.4	0.4	<b>0.4</b>	0.3	0.3	0.3	0.2	0.2	<b>0.2</b>	

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED

TEST CONDITIONS:      Air Temp. 35      Water Temp. 27      Wind Velocity 3   m/s      Type of water: Salt Water