

Engine Pre-Start CHECKS

W	Water	<ul style="list-style-type: none"> • Clean the Strainer of any material • Open the Raw Water Sea Cock • Check the coolant Levels and Condition – <ul style="list-style-type: none"> ◦ top up if required
O	Oil	<ul style="list-style-type: none"> • Check the Engine Oil Condition <ul style="list-style-type: none"> ◦ creaminess is indicative of water in the oil • Check the Engine Oil Level <ul style="list-style-type: none"> ◦ top up if required • Check the Gearbox Oil Condition <ul style="list-style-type: none"> ◦ creaminess is indicative of water ingress - potentially damaged seals in the case of a saildrive • Check the Gearbox Oil Level <ul style="list-style-type: none"> ◦ Top up if required
B	Belts	<ul style="list-style-type: none"> • Check drive belt tension – approx 12mm • Look for black powder deposits around alternator that indicates drive belt wear • Check tension of any belts, and operation of mechanical clutches if fitted.
B	Bilges	<ul style="list-style-type: none"> • Check the engine bilge for: <ul style="list-style-type: none"> ◦ Water – hose leaks on the cooling system ◦ Fuel – leaking fuel lines ◦ Oil – leaks from the engine and oil filter ◦ Black powder – worn drive belts
L	Leaks	<ul style="list-style-type: none"> • Check all pipe and hoseconnections for any indication of leaks • Check stern gland for indication of leak – <ul style="list-style-type: none"> ◦ they will appear as regular drip or as salt deposits. • Check for leaks around the Raw Water Seacock <ul style="list-style-type: none"> ◦ build up of salt near the valve, and other leaks • Check for leaks around the water pump. <ul style="list-style-type: none"> ◦ most likely will appear as dried salt deposits.
E	Exhaust	<ul style="list-style-type: none"> • Check to see if water is coming out the exhaust once the engine has started.

Electrical	<ul style="list-style-type: none"> • Check connections on the alternator and starter-motor are secure • Switch on battery isolation switches • Check Battery Voltage • If fitted, RUN engine ventilation for a few minutes to help ventilate the engine compartment
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