

**GEARBOX TYPE PERFORMANCE CERTIFICATE**  
**IW RANGE: IP67 sealing****IP67 TEST RECORD**

TEST NO	T 1097	PASS / FAIL	Pass
GEARBOX SIZE	IW3	TEST ENGINEER	C Flesher
GEARBOX RATIO	40:1	DATE	12 Dec 2008
GEARBOX RATING	standard	INPUT SPEED	n/a
WORM WHEEL MATERIAL	SG iron	WORM SHAFT MATERIAL	standard
THRUST BEARING TYPE	n/a	LUBRICATION	standard

**PURPOSE OF TEST** To confirm that an IW range gearbox to latest standard build remains sealed while being submerged in water.

**SPECIAL REQUIREMENTS** Submerge gearbox with up to 0.9m head of water in a barrel for at least 30 minutes

**EQUIPMENT USED** Plastic barrel filled with water.

**RESULTS OF TEST** The gearbox had no water ingress.

**CONCLUSION** This test verifies that the IW range of gearboxes is sealed to IP67.

Signed



Steve Watkins  
R+D Engineering Manager

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