

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

11 June 2010