

# MAN TGA - Competitor Comparison

Dinex test program 49379		Competitor		Dinex		O/E	
		Db	mbar	Db	mbar	Db	mbar
Mode 1	(Minimum speed - 25% load)	15,9	5,6	20,2	2,8	19,2	6,4
Mode 2	(75% rated speed - 50% load)	16,1	46,5	16,8	41,7	17,4	51,0
Mode 3	(75% rated speed - 100% load)	11,6	119,5	12,6	95,0	12,4	113,1
Mode 4	(Maximum power - "at rated speed")	8,5	152,7	8,4	114,7	8,4	139,2
Mode 5	(Maximum load)	15,3	60,1	16,2	50,1	16,2	63,1

Test results must be compared against the o/e sample.

Db (noise reduction) lower than o/e means more noise.

Mbar (back pressure) higher than o/e means more wear and tear on the engine and a higher use of fuel.

## Polish Competitor



## Dinex



After 30 minutes testing on a V8 engine with 543 hp, competitor's product is more heat affected than Dinex silencer.

## Product Comparison

### Polish competitor

Single body without isolated material

Body is welded

Inside construction simplified

Weight 47 kg

### Dinex

Double body with isolated material

Body is lock seamed

Inside construction same as o/e

Weight 60 kg

### Result

Dinex silencer have a longer lifetime.

Comp. prod. is more open for rust and break

Dinex silencer give o/e performance

Dinex silencer match o/e



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 Applies for Dinex A/S only