

Mercedes Actros - Competitor Comparison

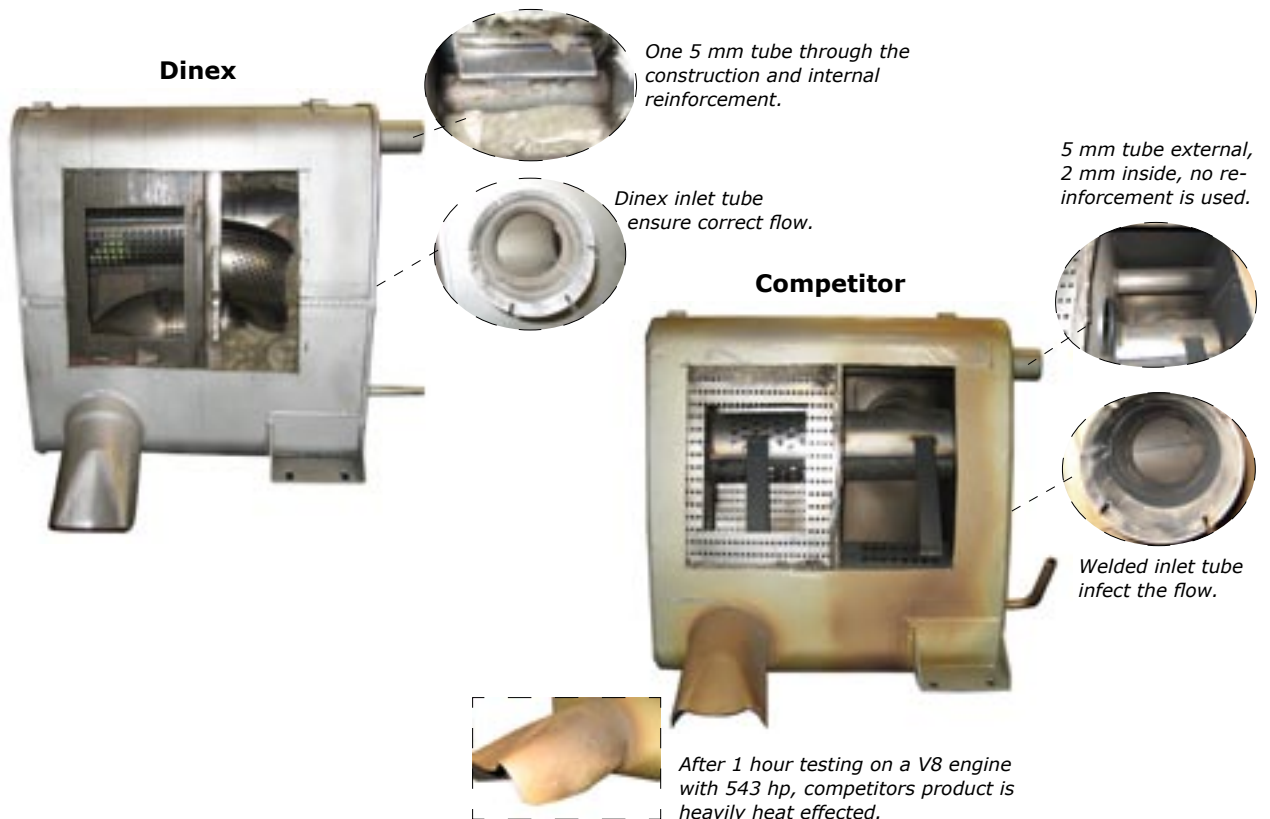
Dinex test program 50450		Competitor		Dinex		O/E	
		Db	mbar	Db	mbar	Db	mbar
Mode 1	(Minimum speed - 25% load)	19,2	12,9	18,0	5,0	20,5	5,6
Mode 2	(75% rated speed - 50% load)	15,8	15,8	15,8	15,8	15,8	39,0
Mode 3	(75% rated speed - 100% load)	11,0	216,7	13,6	96,0	14,5	85,5
Mode 4	(Maximum power - "at rated speed")	7,4	278,0	10,7	120,9	10,9	109,2
Mode 5	(Maximum load)	15,0	123,6	18,5	52,8	19,3	46,5

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

Db (noise reduction) higher than o/e means less noise.

Dinex and o/e use twice as much isolating materials.

Mbar (back pressure) on competitor product more than twice the level of the o/e and Dinex which means considerably more wear and tear on the engine and use of fuel.



Product Comparison

Competitor

Single body

Body is welded

Inside construction simplified

Weight 39 kg

Mounting bracket is simplified

Silencer is made in aluminized material

Dinex

Double body

Body is lock seamed

Inside construction similar to o/e

Weight 53 kg

Reinforcement is used on mounting brackets to avoid breaking

Dinex use aluzink

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

Reinforcement ensure life long mounting

Aluzink is 5 times more corrosion resistant than normal aluminized materials



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