

Nano Doctor / CealDoctor Test Result in Sampan Boat

Vessel information (Daedong No.5)	Engine Type	Doosan MD188 560HP	Products Information	Products Name	Nano Doctor / CealDoctor
	Engine Oil	SAE#40 (40liter)		Model name	NanoDoctor Turbo
	Oil Tank Type	Sump Type		Ingredient	Cu-Ni Alloy nano powder
	Fuel Type	Diesel		Test Period	April 15th ~ July 14th 2011 (3months)

Test Contents	Test Article	Test Result	
		Index	0.5Quart ND injection(2.5% Add.)
	Fuel Usage	100	94~95
	Exhaust Gas	100	10
	Oil Usage	100	n/a
	Oil filter cleaning time	100	n/a
Final Comment	Fuel Efficiency	Fuel Efficiency was around 5% ~ 7% after injection ND	
	Reducing Exhaust Gas	Exhaust gas was reduced down to 90%, and after that exhaust gas was almost disappeared.	
	Reducing Engine Oil consumption	It was no use measuring engine oil consumption as there was no engine oil consumption	
	Oil filter cleaning time	It was no use measuring the interval of oil filter cleaning time as oil filter is changed in this boat	

* Index (100) is an assumed figure for a criterion of the state of ship before injection ND.