



ROI calculation for Lube Oil Filtration

MAN PrimeServ

Fields marked with * are mandatory.

Customer information

Company name:

Vessel/Site name:

IMO number:

Contact person:

Vessel sea route*:

Europe to Europe

Europe to other

Other to other

Your dedicated MAN contact

Full name:

E-mail:

Phone number:



Engine information

	Engine 1	Engine 2	Engine 3	Engine 4
Engine Application* (main/aux)				
Engine Type. 2 or 4 stroke*				
Fuel type*				
Engine Manufacturer				
Engine Model				
Engine MCR* (Kw)				
Annual running hours*				
Annual logged oil consumption				
Lube oil volume				

Seperator information

	Separator 1	Separator 2	Separator 3	Separator 4
Separator manufacturer				
Model no				
Power, excl. preheater (kW)				
Annual running hours				

Preheating of oil

Delta T required (C)	
Type of heating equipment* (aux boiler/electric heater)	
In case of an Electric heater - What is the kW rating of the heater?	
Pre-heater running hours	
Annual running hours of heater	
Flow of separator (L/hr)	Std MAN guidelines used
SFOC heater (g/kWh)	Std Estimates 196 g/kWh
Oil consumption per separator (L/year)	Std Estimates available
Sludge production per separator	Std Estimates available
Annual spare parts cost per separator (€)	Std Estimates E3000
Annual man hours per separator (€)	Std Estimates 25 hr/year



Costs - estimates used if not provided

Lube oil (€/liter)	EUR 2/liter
Fuel Price (€)	EUR 600/t
Sludge disposal (€/liter)	EUR 0.5/liter
Man Hours Price/hour	EUR 75/hour
SFOC, Electric Preheater	196 g/kWh
Penalty per ton of CO ₂	EUR 99/ton CO ₂

Additional information or comments

Please return the filled out form to primeserv-omnicare@man-es.com or your local MAN PrimeServ representative.

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