



Energy saving report

Reference : Eol_0A-E4-62-2019-4-X

Carrier : **LOREM**

Year : **2019**

Date : 2022-01-19 17:37:17

Number of operations during the year 2019 : **4**

Status : Sample

Trip # 1 (Baltimore - Lisbon)										Date of arrival : 2019-04-21			
Effective trip (ECO) - (502)													
Maritime segment : Baltimore - Lisbon										Data : Real <input checked="" type="checkbox"/> Calculated <input type="checkbox"/>			
Distance : 4900 km Load : 18500 t													
Means of transportation : Ro-ro - Lorem Alpha (110) - FR-214587													
Engine	Tier	Fuel	Year	Speed	Pwr	S	Cons	ef	ef	BSFC	EF	EF	EF
Unit				rpm	kW	%	t	NOx	PM		GHG	NOx	PM
PROP 1	3	MDO	2015	SSD	8000	0.05	655.23	-	-	-	3247 (a)	1.3 (b)	0.94
AUX 2	2	MGO	2018	MSD	850	0.03	64.21	1.300	0.030	225.0 (a)	3247 (a)	5.8	0.13
Sources : (a) : IMO / Green Marine (b) : manufacturer (c) : field measurements BSFC and ef in g/kWh EF in kg/t													
Consumption : 719,44 t													
Equivalent trip (REF) - (503)													
Maritime segment : Baltimore - Lisbon										Data : Real <input type="checkbox"/> Calculated <input checked="" type="checkbox"/>			
Distance : 4900 km Load : 18500 t													
Means of transportation : Roro 9999 t - (3)													
Consumption : (12,53 g // t.km) : 1 135,46 t													

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Trip # 2 (Lisbon - Baltimore)	Date of arrival : 2019-06-10																																																								
Effective trip (ECO) - (504)																																																									
Maritime segment : Lisbon - Baltimore Data : Real <input checked="" type="checkbox"/> Calculated <input type="checkbox"/>																																																									
Distance : 4900 km Load : 21453 t Means of transportation : Ro-ro - Lorem Alpha (110) - FR-214587																																																									
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Engine</th><th>Tier</th><th>Fuel</th><th>Year</th><th>Speed</th><th>Pwr</th><th>S</th><th>Cons</th><th>ef</th><th>ef</th><th>BSFC</th><th>EF</th><th>EF</th><th>EF</th> </tr> <tr> <th>Unit</th><th></th><th></th><th></th><th>rpm</th><th>kW</th><th>%</th><th>t</th><th>NOx</th><th>PM</th><th></th><th>GHG</th><th>NOx</th><th>PM</th> </tr> </thead> <tbody> <tr> <td>PROP 1</td><td>3</td><td>MDO</td><td>2015</td><td>SSD</td><td>8000</td><td>0.05</td><td>685.24</td><td>-</td><td>-</td><td>-</td><td>3247 (a)</td><td>1.3 (b)</td><td>0.94</td> </tr> <tr> <td>AUX 2</td><td>2</td><td>MGO</td><td>2018</td><td>MSD</td><td>850</td><td>0.03</td><td>46.24</td><td>1.300</td><td>0.030</td><td>225.0 (a)</td><td>3247 (a)</td><td>5.8</td><td>0.13</td> </tr> </tbody> </table>		Engine	Tier	Fuel	Year	Speed	Pwr	S	Cons	ef	ef	BSFC	EF	EF	EF	Unit				rpm	kW	%	t	NOx	PM		GHG	NOx	PM	PROP 1	3	MDO	2015	SSD	8000	0.05	685.24	-	-	-	3247 (a)	1.3 (b)	0.94	AUX 2	2	MGO	2018	MSD	850	0.03	46.24	1.300	0.030	225.0 (a)	3247 (a)	5.8	0.13
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Consumption : 731,48 t																																																									
Equivalent trip (REF) - (505)																																																									
Maritime segment : Lisbon - Baltimore Data : Real <input type="checkbox"/> Calculated <input checked="" type="checkbox"/>																																																									
Distance : 4900 km Load : 21453 t Means of transportation : Roro 9999 t - (3)																																																									
Consumption : (12,53 g // t.km) : 1 316,71 t																																																									

Trip # 3 (New York - Rotterdam)	Date of arrival : 2019-07-03																																																								
Effective trip (ECO) - (506)																																																									
Maritime segment : New York - Rotterdam Data : Real <input checked="" type="checkbox"/> Calculated <input type="checkbox"/>																																																									
Distance : 5900 km Load : 13685 t Means of transportation : Lorem Beta En - Lorem Beta (111)																																																									
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<small>Sources : (a) : IMO / Green Marine (b) : manufacturer (c) : field measurements BSFC and ef in g/kWh EF in kg/t</small>																																																									
Consumption : 286,16 t																																																									
Equivalent trip (REF) - (507)																																																									
Maritime segment : New York - Rotterdam Data : Real <input type="checkbox"/> Calculated <input checked="" type="checkbox"/>																																																									
Distance : 5900 km Load : 13685 t Means of transportation : RoRo 15000+ - (93)																																																									
Consumption : (4,60 g // t.km) : 371,30 t																																																									

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Trip # 4 (Rotterdam - New York) **Date of arrival : 2019-07-21**

Effective trip (ECO) - (508)

Maritime segment : **Rotterdam - New York** Data : Real Calculated

Distance : 5900 km | Load : 16874 t

Means of transportation : Lorem Beta En - Lorem Beta (111)

Engine	Tier	Fuel	Year	Speed	Pwr	S	Cons	ef	ef	BSFC	EF	EF	EF
Unit				rpm	kW	%	t	NOx	PM		GHG	NOx	PM
PROP 1	3	MDO	2015	SSD	7000	0.05	347.62	-	-	-	3247 (a)	1.4 (b)	0.94
AUX 2	2	MGO	2018	MSD	750	0.02	31.36	1.300	0.030	225.0 (a)	3247 (a)	5.8	0.13

Sources : (a) : IMO / Green Marine (b) : manufacturer (c) : field measurements | BSFC and ef in g/kWh | EF in kg/t

Consumption : 378,98 t

Equivalent trip (REF) - (509)

Maritime segment : **Rotterdam - New York** Data : Real Calculated

Distance : 5900 km | Load : 16874 t

Means of transportation : RoRo 15000+ - (93)

Consumption : (4,60 g / / t.km) : 457,83 t

Global summary

Overall consumption ECO : 2 116,06 t

Overall consumption CONV : 3 281,30 t

Overall fuel savings : 1 165,24 t / Reduction rate : 35,51 %