

ANALYTICAL REPORT

Report issue date:	21/09/2022	Sample ID:	642-22-06742
Customer name:	ESPA, Tallinn, Estonia	Our Ref number:	AM22395
Port / Origin:	Teboil, Kemi, Finland	Your Ref number:	SEP 2022
Product:	ULSD	Seal number:	Not sealed
Sample source:	Shore tank 405	Sample received date:	19/09/2022
Sample type:	U/M/L	Analyses commenced:	19/09/2022
Sampling date:	15/09/2022	Analyses completed:	21/09/2022
Notes:	FINAL COA		

TEST	UNITS	METHOD	LIMITS	RESULT
Density at 15 deg C upper	kg/m ³	EN ISO 12185		811,4
Density at 15 deg C middle	kg/m ³	EN ISO 12185		811,4
Density at 15 deg C lower	kg/m ³	EN ISO 12185		811,4
Cloud Point upper	Deg C	ISO 3015		-15
Cloud Point middle	Deg C	ISO 3015		-15
Cloud Point lower	Deg C	ISO 3015		-16
Flash point upper	Deg C	ISO 2719		56,0
Flash point middle	Deg C	ISO 2719		56,0
Flash point lower	Deg C	ISO 2719		57,0
ULM composite				
Density at 15 deg C	kg/m ³	EN ISO 12185		811,4
Accelerated Stability at 130°C	mg/100ml	TUV/ESSO		6,2



OPS MANAGER : Andres Petuhov

This report reflects our findings at place and time of our intervention only and does not relieve any party from their contractual responsibilities. The laboratory is not responsible of the information provided by the customer, sample owner or the taker. The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn. Precision parameters apply in the determination of above test results. Also refer to ASTM D3244, IP 367 for analyses and testing for utilization of test data to determine conformance with specifications. ** Analyses in this report are performed at ISO /IEC 17025 accredited laboratory. Analyses in this report are performed at 3rd laboratory.



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Port / Origin:	Teboil, Kemi, Finland	Your Ref number:	SEP 2022
Product:	ULSD	Seal number:	Not sealed
Sample source:	Shore tank 409	Sample received date:	19/09/2022
Sample type:	U/M/L	Analyses commenced:	19/09/2022
Sampling date:	15/09/2022	Analyses completed:	21/09/2022
Notes:	FINAL COA		

TEST	UNITS	METHOD	LIMITS	RESULT
Density at 15 deg C upper	kg/m ³	EN ISO 12185		811,4
Density at 15 deg C middle	kg/m ³	EN ISO 12185		811,4
Density at 15 deg C lower	kg/m ³	EN ISO 12185		811,4
Cloud Point upper	Deg C	ISO 3015		-16
Cloud Point middle	Deg C	ISO 3015		-16
Cloud Point lower	Deg C	ISO 3015		-16
Flash point upper	Deg C	ISO 2719		56,0
Flash point middle	Deg C	ISO 2719		56,0
Flash point lower	Deg C	ISO 2719		57,0
ULM composite				
Density at 15 deg C	kg/m ³	EN ISO 12185		811,4
Accelerated Stability at 130°C	mg/100ml	TUV/ESSO		6,3



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Port / Origin:	Teboil, Kemi, Finland	Your Ref number:	SEP 2022
Product:	ULSD	Seal number:	Not sealed
Sample source:	Shore tank 425	Sample received date:	19/09/2022
Sample type:	U/M/L	Analyses commenced:	19/09/2022
Sampling date:	15/09/2022	Analyses completed:	21/09/2022
Notes:	FINAL COA		

TEST	UNITS	METHOD	LIMITS	RESULT
Density at 15 deg C upper	kg/m ³	EN ISO 12185		811,3
Density at 15 deg C middle	kg/m ³	EN ISO 12185		811,3
Density at 15 deg C lower	kg/m ³	EN ISO 12185		811,3
Cloud Point upper	Deg C	ISO 3015		-16
Cloud Point middle	Deg C	ISO 3015		-16
Cloud Point lower	Deg C	ISO 3015		-16
Flash point upper	Deg C	ISO 2719		57,0
Flash point middle	Deg C	ISO 2719		56,0
Flash point lower	Deg C	ISO 2719		56,0
ULM composite				
Density at 15 deg C	kg/m ³	EN ISO 12185		811,3
Accelerated Stability at 130°C	mg/100ml	TUV/ESSO		6,5



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