

Service update: Off-specification fuel quality report

Applicability: Lloyd's Register FOBAS clients

Information: Between 1st and 14th June 2021 FOBAS identified 36 instances where a result was outside the 95% confidence limit of either ISO 8217 6th edition test parameter or a value given by the BDN or sample label

Port	Characteristic	ISO 8217 Limit or Advised Value	Final result	Unit
Algeciras	Water	0.50*	1.15	% Volume
Alger	Sulphur	0.10**	0.17	% Mass
Antwerp	Total Sediment Potential	0.10*	0.71	% Mass
Antwerp	Water	0.50*	0.85	% Volume
Balboa	Total Sediment Potential	0.10*	0.40	% Mass
Balboa	Total Sediment Potential	0.10*	0.24	% Mass
Balboa	Water	0.50*	0.90	% Volume
Callao	Sodium	100*	193	mg/kg
Callao	Total Sediment Potential	0.10*	0.18	% Mass
Callao	Water	0.50*	1.10	% Volume
Chesapeake	Flash point	60.0***	59.0	°C
Gola	Total Sediment Potential	0.10*	0.16	% Mass
Guangzhou	ULO	Detected	Detected	
Klaipeda	Viscosity at 40°C	3.00**	6.23	cSt
Koh Si Chang Transhipment Area	Viscosity at 50°C	380.0**	437.8	cSt
Koh Si Chang Transhipment Area	Viscosity at 50°C	354.7**	431.4	cSt
Las Palmas	Ash	0.070*	0.138	% Mass
Las Palmas	Sodium	100*	284	mg/kg

Las Palmas	Water	0.50*	2.50	% Volume
Long Beach	Viscosity at 50°C	31.0**	558.1	cSt
Map Ta Phut	Viscosity at 50°C	328.6**	420.8	cSt
Marcus hook	Lubricity	520*	586	um
Novorossiysk	Total Sediment Potential	0.10*	0.16	% Mass
Pascagoula	Total Sediment Potential	0.10*	0.16	% Mass
Pichilingue	Lubricity	520*	592	um
Rotterdam	MCR 10% bottom	0.30*	1.03	% Mass
Santa Marta	Aluminium + Silicon	60*	86	mg/kg
Santa Marta	Ash	0.100*	0.115	% Mass
Santa Marta	Water	0.50*	0.65	% Volume
Sikka	Ash	0.070*	0.087	% Mass
Singapore	Total Sediment Potential	0.10*	0.16	% Mass
Singapore	Water	0.50*	1.40	% Volume
Yosu	Sulphur	0.10**	0.13	% Mass
Zeebrugge	Total Sediment Potential	0.10*	0.2	% Mass
Zhoushan	Water	0.50*	0.75	% Volume
Zhoushan	Water	0.50*	0.70	% Volume

*ISO 8217 6th edition limit

**Advised value from BDN or sample label.

***Due to the statutory significance of Flash Point the 95% confidence limit is not applied.

This report contains selected parameters taken from the FOBAS routine analysis data of ship drawn as bunkered samples. These reports will provide progressive snap shot of information every two weeks on the problematic quality characteristics of marine fuels as tested but should not be viewed in isolation. The results given, of course, do not necessarily reflect the overall quality of fuels delivered at a particular port. Note 95% confidence limit as per ISO 4259 Petroleum products: Determination and application of precision data in relation to methods of test

Note: This report has been prepared against ISO 8217 6th edition, as published March 2017. See CIMAC FAQ doc on ISO 8217 for more details (available in our technical library at www.fobas.com).

However, we fully recognise that many of the fuel deliveries covered by this report will have been specified and delivered against earlier versions of ISO 8217 or other specifications and hence will include instances where the fuel 'as bunkered' was fully within the purchaser's required specification. As has always been the case for FOBAS, it is recognised that there is an important distinction between a fuel not meeting, or meeting, a specification requirement and its suitability for use in particular cases.

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