



## OGC MERSİN LABORATORY

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Test  
TANIMLAMA NO: 17025  
AB-0106-T

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0304/21

27.06.2021

## Test Report

Client Name and Adress	KIBRIS TÜRK ELEKTRİK KURUMU
Lab Report Number & Job Number	0304/21 & IS20051163
Sample Ref. Number	1678
Product Description	Fuel Oil
Sample Source & Identitly	MT "AGVANIS" Ship's Cargo Tanks Tekneçik / 2x1Lt Glass Container
Sampling Date&Time	24.06.2021
The Date &Time of Receipt of Test Item	26.06.2021 & 12:30
The Date of Test	26.06.2021
Analysis Completed Date&Time	27.06.2021 & 15:00
Seal Number	59473-59493
Drawn by	R.L Egemen Co.Ltd.
Type of Client	SGS OGC Department

Test	Method	Specification	Uncertainty	Results
Density @ 15 Deg C,kg/L*	ASTM D1298	0,997 max.		0,9507
Kinematic Viscosity @ 100 Deg C,cSt*	ASTM D445	12,5-50		25,86
Flash Point (PM) procedure B, Deg C*	ASTM D93-B	65 min.		79,0
Pour Point (upper), Deg C*	ASTM D97	28 max.		(+)plus 27
Sulphur,w%*	ASTM D4294	1,00 max		0,99
Water by Distillation,v%*	ASTM D95	0,5 max.		0,20
Sediment By Extraction,w%*	ASTM D473	0,15 max		0,03
Ash Content,w%*	ASTM D482	0,1 max		0,04
Vanadium,mg/kg*	IP 501	185 max		29
Sodium,mg/kg*	IP 501	50 max		36
Asphaltenes,w%*	IP 143	7,0 max		5,1
Al+ Si,mg/kg*	IP501	50 max		17
Aluminium,mg/kg*	IP501	-		6
Silicon,mg/kg*	IP501	-		11
Calorofic Value,(Net),MJ/kg	ASTM D4868	40,46 min		41,10
Micro Carbon Residue,w%*	ASTM D4530	15 max		10,4
Total Sediment Existent,w%*	IP 375	0,1 max		0,07
Total Sediment Potential,w%*	IP 390	0,1 max		0,02
Calcium,mg/kg*	IP501	30 max		28
Zinc,mg/kg*	IP501	15 max		3
Phosporus,mg/kg*	IP501	15 max		< 1
Stability**	ASTM D4740-94	no 1 max		No:1
Compatibility***	ASTM D4740	no 1 max		No:1

SGS SUPERVISE GÖZETME ETÜD KONTROL SERVİSLERİ A.Ş. OGC MERSİN LABORATORY accredited by TÜRKAK under registration number AB-0106-T for TS EN ISO / IEC 17025:2017 as test laboratory.

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

The present results are of the sample detailed above. Experimental result may be appealed at publishing the moment within 3 months. The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the above results. Users of analytical results, when establishing conformance with commercial or regulatory requirements should note the full provisions of ASTM D3244, IP 367 and ISO 4259 in that context, the default confidence level of petroleum testing having been set at the %95 confidence level. Your attention specially drawn to Sections 7.3.6. and 7.3.8. of ASTM D3244. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory. The measurement uncertainty in the declaration of conformity stated in the report is not taken into consideration. Measurement uncertainties are declared on request. Uncertainties arising from sampling are not included in the measurement uncertainties. Unless otherwise stated, the shared risk decision rule will apply.

REMARKS:\*Test is in our accreditation scope.

\*\* Stability name for client demand. This is for ASTM D4740-1994 method. "Stability" was replaced by "Cleanliness" method revision 2004.

\*\*\* Client did not send Gasoil sample for Compatability test. For our results we use Tüpras Gasoil-Turkish Refinery.

This report is valid only for the samples tested and cannot be used as an inspection report for bank transactions or any other related purpose.

Seal	Approval Date	Laboratory Personnel	Responsible of the Testing Lab.
	27.06.2021	Kaan GÜLBURNU	Neval TUNÇ

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