



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 136

Sofia, 29.04.2025

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 95/209 ЛИ/ПА/25.10.2024, report reg. № 95/209 ЛИ/ПА/4/В/06.12.2024 and statement of the Accreditation Commission reg. № 95/209 ЛИ/ПА/2/В/31.03.2025, I hereby

RE-ACCREDIT

MILITARY FORMATION 24510 - SOFIA, MINISTRY OF DEFENSE

**LABORATORY FOR TESTING, ANALYSIS AND QUALITY CONTROL
OF FUEL-LUBRICANTS AND SPECIAL FLUIDS**

Management address: 1271, Sofia, Iliyantsi, Rozhen Blvd.

Laboratory address: 1271, Sofia, Iliyantsi, Rozhen Blvd.

To perform testing of:

Type of the scope: fixed			
№	Tested Products	Type of Test/Characteristic	Testing methods (standardized / validated methods)
1	2	3	4
1.	Aviation and automotive gasolines	1.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		1.2. Distillation characteristics	БДС EN ISO 3405
		1.3. Acidity	БДС 1752
		1.4. Gum content	БДС EN ISO 6246
		1.5. Corrosiveness of copper strip	БДС EN ISO 2160
2.	Jet fuels	2.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		2.2. Distillation characteristics	БДС EN ISO 3405
		2.3. Acidity	БДС 1752
		2.4. Gum content	БДС EN ISO 6246
		2.5. Flash point in closed cup	БДС EN ISO 2719
		2.6. Flash point in closed cup	A5TM D56
		2.7. Ash	БДС EN ISO 6245
		2.8. Kinematic viscosity	БДС EN ISO 3104, Procedure A
		2.9 Freezing Point	ASTM D2386

Type of the scope: <i>fixed</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standardized / validated methods)
1	2	3	4
		2.10. Corrosiveness of copper strip, Class	БДС EN ISO 2160
3.	Fuels for diesel engines, Gas oils for industrial and communal purposes	3.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		3.2. Distillation characteristics	БДС EN ISO 3405
		3.3. Acidity	БДС 1752
		3.4. Ash	БДС EN ISO 6245
		3.5. Flash point in closed cup	БДС EN ISO 2719
		3.6. Carbon residue	БДС ISO 6615
		3.7. Pour point	БДС EN ISO 3016
		3.8. Cloud point	БДС EN ISO 3015
		3.9. Cold Filter Plugging Point	БДС EN 116 БДС EN 116/Amendment 1
		3.10. Cetane index	БДС EN ISO 4264
		3.11. Kinematic viscosity	БДС EN ISO 3104, Procedure A
		3.12. Corrosiveness of copper strip	БДС EN ISO 2160
		3.13. Water	БДС EN ISO 12937
4.	Lubricating and hydraulic oils	4.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		4.2. Acid number	БДС 1752
		4.3. Kinematic viscosity	БДС EN ISO 3104, Procedure A
		4.4. Viscosity index	БДС ISO 2909
		4.5. Flash point in closed cup	БДС EN ISO 2719
		4.6. Flash point in open cup	БДС EN ISO 2592
		4.7. Pour point	БДС EN ISO 3016
		4.8. Ash	БДС EN ISO 6245
		4.9. Sulfated ash	БДС ISO 3987
		4.10. Carbon residue	БДС ISO 6615
		4.11. Neutralizing value	БДС 9776
		4.12. Water	БДС EN ISO 12937
		4.13. Corrosiveness of copper strip	БДС EN ISO 2160
5.	Lubricants	5.1. Penetration	БДС ISO 2137
		5.2. Dropping point	БДС ISO 2176
		5.3. Colloidal stability	БДС 6733
6.	Brake fluids for automobiles	6.1. Density	БДС EN ISO 3675
		6.2. Kinematic viscosity	БДС EN ISO 3104, Procedure A
		6.3. Flash point in open cup	БДС EN ISO 2592
		6.4. Boiling point	БДС 8563

Flexible Scope: Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.

I ORDER

To issue the certificate of accreditation reg. № 209 ЛИ/29.04.2025, valid until 29.04.2029 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Head/Representative of Military formation 24510 - Sofia, Ministry of defense, the head of Laboratory for testing, analysis and quality control of fuel-lubricants and special fluids, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 209 ЛИ/10.01.2022, valid until 29.04.2025 and its enclosure - EA BAS order reg. № А 5/10.01.2022.

This order shall be notified to Military formation 24510 - Sofia, Ministry of defense, within 3 (three) days from its issuance.

Eng. Irena Borislavova

*Executive Director
of Executive Agency Bulgarian Accreditation Service*

