



Testing center of JSC "UKRTATNAFTA"
QUALITY CERTIFICATE No.8
dated «23» April, 2026
AVIATION TURBINE FUEL JET A-1
DSTU 4796:2007



20342
Випробувальни

Certificate of conformity No. UA.056.II.00121-25,
issued by the conformity assessment body of SE "Poltavastandartmetrologiya", valid from 22.04.2025 to 21.04.2027

The name of the additive	Contents, mg/dm ³
Electrical Conductivity Improver Stadis 450	0,8
Antioxidants Agidol-1:	
hydrotreated component	20
no hydrotreated component	did not add

Manufacturing plant **JSC "UKRTATNAFTA"**
Date of production **22.04.2026**
Tank No. **791** Level of filling, (cm) **705** Quantity, (t) **5195**
Date of sampling **22.04.2026** Date of laboratory testing **23.04.2026**

Property	Norm according to the regulatory document	Test Result	Test Method
1 Acidity, total mg KOH/g, max	0,10	0,013	according to ASTM D 3242
2 Aromatics, %, max			
- percent by mass	28	22	according to GOST 6994-74
- percent by volume	25	19,2	according to ASTM D1319
3 Sulfur, mercaptan, percent by mass, %, max	0,003	0,0010	according to ASTM D3227
4 Sulfur, total percent by mass, %, max	0,30	0,0208	according to ASTM D4294
5 Distillation:			according to ASTM D86
10 % recovered, temperature, °C, max	205	173,0	
50 % recovered, temperature, °C	Not regulated	187,0	
90 % recovered, temperature, °C	The definition is mandatory		
final boiling point, °C, max.	»	219,0	
distillation residue, %, max	300	249,0	
distillation loss, %, max	1,5	1,2	
	1,5	0,3	
6 Flash point, °C, min	36	48,0	according to GOST 6356-75
7 Density, kg/m ³ , within the range of			
- at 20 °C	770 - 840	797,9	according to GOST 3900-85
- at 15 °C	775 - 840	801,5	according to ASTM D1298
8 Freezing point, °C, max	minus 47	minus 59	according to ASTM D2386
9 Viscosity, mm ² /s:			according to ASTM D445
- at minus 20 °C, max	8,0	3,460	
- at 20 °C, min	1,25	1,529	
10 Net heat of combustion, MJ/kg, min	42,8	43,126	according to ASTM D 4809
11 One of the following requirements shall be met: smoke point, mm, min	25		according to ASTM D1322
or smoke point, mm min(naphthalenes, vol, no more than 3 %)	19	25,6	
naphthalenes, vol, max	3	0,75	according to ASTM D1840
12 Copper strip corrosion (2 h ± 5m at 100 °C), rating, no more	No. 1	1a	according to ASTM D130
13 Thermal stability (2,5 h at control temperature of 260 °C min)			according to ASTM D3241
- filter pressure drop, κPa (mm Hg), max	3,3 (25)	0,0 (0)	
- annex A1 VTR, VTR Color Code, max	3	1	
	(no peacock or abnormal color deposits)		
- amount of sediment, mg/100 cm ³ , max	12	8,5	according to GOST 11802-88
14 Existent gum content, mg/100 cm ³ , max	7	1,9	according to ASTM D381
15 Microseparometer :			
a) assessment of interfaces, max	1	1	according to ASTM D1094
b) With electrical conductivity additive, min	70	91	according to ASTM D3948
16 Electrical conductivity, pS/m, within the range of	50 - 450	86	according to ASTM D2624
17 Lubricity (wear spot diameter), mm, max *	0,85	not determined	according to ASTM D5001

Aviation turbine fuel Jet A-1 clean, transparent and free of water, sediment and cloudy particles.

* The indicator 17 was not indicated on the base of footnote 5 before the table DSTU 4796:2007. Aviation turbine fuel Jet A-1 contains no more than 95% hydrotreated component

GOST 6994-74, GOST 11802-88 is not valid in Ukraine.

The warranty period of fuel storage is 5 years from the date of its manufacture.

Conclusion: as per the sample test results, AVIATION TURBINE FUEL JET A-1 meets the requirements of DSTU 4796:2007

Head of Central Laboratory – Head of Technical Control Department

O.V. Zinchenko

