

**JSC Mozyr OR**  
**Passport No 1462**  
**Unleaded Gasoline AI-92-K5-Euro under STB 1656-2016 Class B**

Lot №: 1462

Tank № 112

Innage 964 sm

Production date: **16/10/2018**

| №   | Parameters                                                                                                                                                                              | Norm as per TR CU 013/2011 regarding ecological class 5          | Unit                   | Test method    | Limits as per STB 1656-2016                  |                                                   | Factual value                                    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------|----------------|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
|     |                                                                                                                                                                                         |                                                                  |                        |                | min                                          | max                                               |                                                  |
| 1.  | RON                                                                                                                                                                                     | 80                                                               | -                      | GOST 32339     | 92,0                                         | -                                                 | 92,0                                             |
| 2.  | MON                                                                                                                                                                                     | 76                                                               | -                      | GOST 32340     | 83,0                                         | -                                                 | 83,9                                             |
| 3.  | Lead mass fraction                                                                                                                                                                      | max 5*                                                           | mg/dm <sup>3</sup>     | GOST EN 237    | -                                            | 5,0                                               | none                                             |
| 4.  | Density at 15 °C                                                                                                                                                                        | -                                                                | kg/m <sup>3</sup>      | STB ISO 3675   | 720,0                                        | 775,0                                             | 743,0                                            |
| 5.  | Sulphur mass fraction                                                                                                                                                                   | max 10                                                           | mg/kg                  | GOST ISO 20846 | -                                            | 10,0                                              | 5,3                                              |
| 6.  | Oxidation stability                                                                                                                                                                     | -                                                                | min                    | STB ISO 7536   | 360                                          | -                                                 | more 360                                         |
| 7.  | Gum concentration (as washed with solvent)                                                                                                                                              | -                                                                | mg/100 sm <sup>3</sup> | STB ISO 6246   | -                                            | 5                                                 | 1                                                |
| 8.  | Copper plate corrosion (3 hrs at 50 °C)                                                                                                                                                 | -                                                                | Class                  | STB ISO 2160   | Class 1                                      |                                                   | Class 1                                          |
| 9.  | Appearance                                                                                                                                                                              | -                                                                | -                      | Visual control | Clear and transparent                        |                                                   | Clear and transparent                            |
| 10. | Volume fraction of hydrocarbons:<br>- olefins<br>- aromatics                                                                                                                            | max 18<br>max 35                                                 | %                      | GOST ISO 22854 | -                                            | 18,0<br>35,0                                      | 5,9<br>29,6                                      |
| 11. | Benzene volume fraction                                                                                                                                                                 | max 1                                                            | %                      | GOST ISO 22854 | -                                            | 1,0                                               | 0,38                                             |
| 12. | Oxygen mass fraction                                                                                                                                                                    | max 2,7                                                          | %                      | GOST ISO 22854 | -                                            | 2,7                                               | 0,02                                             |
| 13. | Volume fraction of oxygenates:<br>- methanol<br>- ethanol<br>- isopropyl alcohol<br>- isobutyl alcohol<br>- tert-butyl alcohol<br>- ethers (5 and more C atoms)**<br>- other oxygenates | max 1*<br>max 5<br>max 10<br>max 10<br>max 7<br>max 15<br>max 10 | %                      | GOST ISO 22854 | -<br>-<br>-<br>-<br>-<br>-<br>-              | 1,0<br>5,0<br>10,0<br>10,0<br>7,0<br>15,0<br>10,0 | none<br>0.0<br>0.0<br>0.0<br>0.0<br>0,11<br>0,03 |
| 14. | Iron concentration                                                                                                                                                                      | none                                                             | mg/dm <sup>3</sup>     | GOST 32514     | none                                         |                                                   | none                                             |
| 15. | Manganese concentration                                                                                                                                                                 | none                                                             | mg/dm <sup>3</sup>     | GOST R 51925   | none                                         |                                                   | none                                             |
| 16. | Volume fraction of monomethylaniline                                                                                                                                                    | none                                                             | %                      | GOST 32515     | none                                         |                                                   | none                                             |
| 17. | Vapour pressure (VP)<br>Class A<br>Class B<br>Class C and C1<br>Class D and D1<br>Class E and E1<br>Class F and F1                                                                      | 35-80 (summer)<br><br><br><br>35-100 (winter)                    | kPa                    | STB EN 13016-1 | 45,0<br>45,0<br>50,0<br>60,0<br>65,0<br>70,0 | 60,0<br>70,0<br>80,0<br>90,0<br>95,0<br>100,0     | 57,2                                             |
| 18. | Volume fraction of evaporated gasoline at 70 °C (E70):<br>For classes A and B<br>For classes C, C1, D, D1, E, E1, F, F1                                                                 | -                                                                | % (V/V)                | GOST ISO 3405  | 20,0<br>22,0                                 | 48,0<br>50,0                                      | 23,9                                             |
| 19. | Volume fraction of evaporated gasoline at 100 °C (E100)                                                                                                                                 | -                                                                | % (V/V)                |                | 46,0                                         | 71,0                                              | 49,3                                             |
| 20. | Volume fraction of evaporated gasoline at 150 °C (E150)                                                                                                                                 | -                                                                | % (V/V)                |                | 75,0                                         | -                                                 | 82,2                                             |
| 21. | Final boiling point (FBP)                                                                                                                                                               | -                                                                | °C                     |                | -                                            | 210                                               | 202                                              |
| 22. | Residue in a flask                                                                                                                                                                      | -                                                                | % (V/V)                |                | -                                            | 2                                                 | 1,0                                              |
| 23. | Vapour lock index (VLI) (10 VP +7 E70):<br>Class C1<br>Class D1<br>Class E1<br>Class F1                                                                                                 | -                                                                | index                  | -              | -<br>-<br>-<br>-                             | 1050<br>1150<br>1200<br>1250                      |                                                  |

\*for Russian Federation – none.

\*\* components with oxygen-content have not been used in production of gasoline. According to GOST ISO 22854 absence is no more then 0.8 % of oxygenates. Gasoline contains no additives.

Information on declaration of compliance: EUU № BY/112 11.01. TP013 002 06595, valid till 29.06.2020.

**Conclusion: product corresponds to the requirements of STB 1656-2016 and Technical Regulation of Customs Union 013/2011 as regard ecological class 5.**  
Guarantee period – 1 year from production date.