



## GASOLINE

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Other materials are produced according ISO 17034 requirements

| Test name                         | Item code   | Designation                        | Product | Value              | Bottle Volume | Production lot | Expiration date | Main Method   |
|-----------------------------------|-------------|------------------------------------|---------|--------------------|---------------|----------------|-----------------|---|
|                                   |             |                                    |         |                    |               |                |                 |   |
| Density at 15°C                   | * DE-GA-115 | Density_746.8kg/m3_250ml           | E10     | 746.8 kg/m³        | 250 ml        | GA-115         | 03 2026         | ISO 12185, ASTM D 4052, IP 365, ISO 3675, ASTM D 1298, IP 160         |
| Automatic Distillation (Unleaded) | * DI-GA-115 | Distillation_30.3_178.5°C_250ml    | E10     | 30.3 °C / 178.5 °C | 250 ml        | GA-115         | 03 2026         | ISO 3405, ASTM D 86, IP 123   |
| Reid Vapour Pressure              | * VP-GA-115 | Reid Vapour_71.6kPa_250ml          | E10     | 71.6 kPa           | 250 ml        | GA-115         | 03 2026         | EN 13016-1, ASTM D 5191, ASTM D 4953, IP 394-1, IP 409-1, ASTM D 5482 |
| Aromatic Content                  | AC-GA-115   | Aromatic Content_28.1%_250ml       | E10     | 28.1 % vol         | 250 ml        | GA-115         | 03 2026         | ISO 22854, ASTM D 1319, ASTM D 6839, ISO 3837, IP 156                 |
| Benzene Content                   | BE-GA-115   | Benzene Content_0.72%_250ml        | E10     | 0,72 % vol         | 250 ml        | GA-115         | 03 2026         | ISO 22854, EN 238, ASTM D 6839, ASTM D 4053                           |
| Motor Octane Number (Unleaded)    | OM-95-936   | Motor Octane Number_86.3_1000ml    | E10     | 86.3               | 1000 ml       | 95-936         | 08 2025         | ASTM D 2700   |
|                                   | OM-98-483   | Motor Octane Number_87.3_1000ml    | E5      | 87.3               | 1000 ml       | 98-483         | 09 2024         |   |
| Research Octane Number (Unleaded) | OR-95-936   | Research Octane Number_98.1_1000ml | E10     | 98.1               | 1000 ml       | 95-936         | 08 2025         | ASTM D 2699   |
|                                   | OR-98-483   | Research Octane Number_98.8_1000ml | E5      | 98.8               | 1000 ml       | 98-483         | 09 2024         |   |

## JET AVIATION Fuel

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|                            |             |  |         |                    |               |                |                 |  |
| Density at 15°C            | * DE-KR-564 | Density_795.9kg/m3_250ml                 | KR      | 795.9 kg/m³        | 250 ml        | KR-564         | 05 2026         | ASTM D 4052 - ISO 12185                      |
| Freezing Point             | * FR-KR-564 | Freezing Point_-55.7°C_250ml             | KR      | - 55.7 °C          | 250 ml        | KR-564         | 05 2026         | ASTM D 2386- ASTM D7153 - ASTM D 7154        |
| Automatic Distillation     | * DI-KR-564 | Distillation_152.5_264.2°C_250ml         | KR      | 152.5°C / 264.2°C  | 250 ml        | KR-564         | 05 2026         | ASTM D 86 - ISO EN 3405 - IP 123 - DIN 51751 |
| Sulphur of Mercaptans      | SU-KR-564   | Sulphur Mercaptans_7.70mg/kg_250ml       | KR      | 7.70 mg/kg         | 250 ml        | KR-564         | 05 2026         | ASTM D 3227 – ISO 3012                       |
| Acidity                    | AD-KR-564   | Acidity_0.0019mgKOH/g_250ml              | KR      | 0.0019mgKOH/g      | 250 ml        | KR-564         | 05 2026         | ASTM D 3242                                  |
| Abel Flash Point           | * AB-KR-564 | Abel Flash Point_44.7°C_250ml            | KR      | 44.7 °C            | 250 ml        | KR-564         | 05 2026         | IP 170 -EN ISO 13736 - NFM 07011             |
| Smoke Point                | * SP-KR-564 | Smoke Point_23.8mm_250ml                 | KR      | 23.8 mm            | 250 ml        | KR-564         | 05 2026         | ASTM D 1322 - IP 598                         |
| Kinematic Viscosity -20°C  | VI-KR-564   | Kinematic Viscosity -20°C_3.7mm²/s_250ml | KR      | 3.700 mm²/s        | 250 ml        | KR-564         | 05 2026         | ASTM D 445 - ISO 3104                        |
| TAG Flash Point            | FT-KR-564   | TAG Flash Point_45.8°C_250ml             | KR      | 45.8 °C            | 250 ml        | KR-564         | 05 2026         | ASTM D 56                                    |
| FIA Aromatics              | FI-KR-564   | FIA Aromatics_17.70%_250ml               | KR      | 17.70 % Vol        | 250 ml        | KR-564         | 05 2026         | FIA ASTM D 1319 - EN NF 15553                |
| Aniline Point              | AP-KR-564   | Aniline Point_58.5°C_250ml               | KR      | 58.5 °C            | 250 ml        | KR-564         | 05 2026         | ASTM D 611 - ISO2592 - IP 2/91               |
| Reference Fuel Smoke Point | SET-A       | Fuel smoke point_14.7 to 42.8mm_7x25ml   | KR      | 14.7 up to 42,8 mm | 7x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 1    | Fuel smoke point_14.7mm_4x25ml           | KR      | 14.7 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 2    | Fuel smoke point_20.2mm_4x25ml           | KR      | 20.2 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 3    | Fuel smoke point_22.7mm_4x25ml           | KR      | 22.7 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 4    | Fuel smoke point_25.8mm_4x25ml           | KR      | 25.8 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 5    | Fuel smoke point_30.2mm_4x25ml           | KR      | 30.2 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 6    | Fuel smoke point_35.4mm_4x25ml           | KR      | 35.4 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |
|                            | SM-Mix 7    | Fuel smoke point_42.8mm_4x25ml           | KR      | 42.8 mm            | 4x25ml        | SP-021         | 05 2026         | ASTM D 1322 Reference Fuels Table            |



## DIESEL

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|                                   | <i>Below, Informations to be reported on your order</i> |  |         |                     |               |                |                 |   |
| Density at 15 °C                  | * DE-GO-633   | Density_828.7kg/m3_250ml                   | B7      | 828.7 kg/m3         | 250 ml        | GO-633         | 03 2026         | ASTM D 4052 - ISO 12185   |
| Cloud Point                       | * CP-GO-633   | Cloud Point_-6.2°C_250ml                   | B7      | - 6.2 °C            | 250 ml        | GO-633         | 03 2026         | ASTM D 2500 – NF EN 23015 - ISO 3015 - ASTM D 5773 – ASTM D 5771 – ASTM D 5772                          |
|                                   | * CP-GO-742   | Cloud Point_-0.2°C_250ml                   | B7      | - 0.1 °C            | 250 ml        | GO-742         | 08 2026         | ASTM D 2500 – NF EN 23015 - ISO 3015 - ASTM D 5773 – ASTM D 5771 – ASTM D 5772                          |
| CFPP - Cold Filter Plugging Point | CF-GO-333   | CFPP_-16.1°C_250ml                         | B7      | - 16.1 °C           | 250 ml        | GO-333         | 08 2022         | ASTM D 6371 - EN 116  |
|                                   | * CF-GO-633   | CFPP_-22.8°C_250ml                         | B7      | - 22.8 °C           | 250 ml        | GO-633         | 03 2026         | ASTM D 6371 - EN 116  |
|                                   | CF-GO-902   | CFPP_-24.3°C_250ml                         | B7      | - 24.3 °C           | 250 ml        | GO-902         | 02 2025         | ASTM D 6371 - EN 116  |
| Pour Point                        | * PP-GO-633   | Pour Point_-27.7°C_250ml                   | B7      | - 27.7 °C           | 250 ml        | GO-633         | 03 2026         | ASTM D 97 – NFT 60-105 – ISO 3016 – ASTM D 5949 – ASTM D 6749 – ASTM D 5950 – ASTM D 6892 – ASTM D 5985 |
|                                   | * PP-GO-742   | Pour Point_-36.0°C_250ml                   | B7      | - 33.6 °C           | 250 ml        | GO-742         | 08 2026         | ASTM D 97 – NFT 60-105 – ISO 3016 – ASTM D 5949 – ASTM D 6749 – ASTM D 5950 – ASTM D 6892 – ASTM D 5985 |
| Automatic Distillation            | * DI-GO-633   | Distillation_163.4_358.5°C_250ml           | B7      | 163.4 °C / 358.5 °C | 250 ml        | GO-633         | 03 2026         | ASTM D 86 - ISO EN 3405 - IP 123 - DIN 51751  |
| Pensky Martens Flash Point        | * PM-GO-633   | Pensky Martens_60.3°C_250ml                | B7      | 60.3 °C             | 250 ml        | GO-633         | 03 2026         | ASTM D 93 - EN 22719 - ISO 2719 - NFT 60103   |
| Kinematic Viscosity +20°C         | VI20-GO-633   | Kinematic Viscosity +20°C_3.741mm2/s_250ml | B7      | 3.741 mm²/s         | 250 ml        | GO-633         | 03 2026         | ASTM D 445 - ISO 3104   |
| Kinematic Viscosity +40°C         | VI40-GO-633   | Kinematic Viscosity +40°C_2.471mm2/s_250ml | B7      | 2.471 mm²/s         | 250 ml        | GO-633         | 03 2026         | ASTM D 445 - ISO 3104   |
| Sulphur Content                   | SU-GO-633   | Sulphur Content_7.26mg/kg_250ml            | B7      | 7.26 mg/kg          | 250 ml        | GO-633         | 03 2026         | ASTM D 5453 - ISO 20846   |
| Cetane Number                     | CN-GO-146   | Cetane Number_53.0_1000ml                  | B7      | 53.0                | 1000 ml       | GO-146         | 06 2025         | ASTM D 613 - ISO 5165   |
| FAME Content                      | FA-GO-919   | FAME Content_3.42%_250ml                   | B5      | 3.42 % Volume       | 250 ml        | GO-919         | 10 2023         | EN 14078 - EN 14103 - ASTM D 7371   |
|                                   | FA-GO-633   | FAME Content_7.06%_250ml                   | B7      | 7.06 % Volume       | 250 ml        | GO-633         | 03 2026         |   |
|                                   | FA-GO-999   | FAME Content_97.94%_250ml                  | B100    | 97.94 % Volume      | 250 ml        | GO-999         | 10 2023         |   |

## LUBRICANT

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|                               | <i>Below, Informations to be reported on your order</i> |  |         |             |               |                |                 |   |
| Density at 15 °C              | DE-LU-237   | Density_872.8kg/m3_250ml                   | LU      | 872.8 kg/m3 | 250 ml        |                | 10 2028         | ASTM D 4052 - ISO 12185   |
| Cleveland Flash Point         | FC-LU-237   | Cleveland Flash point_234°C_250ml          | LU      | 234 °C      | 250 ml        |                | 10 2028         | ASTM D 92 - ISO 2592 - IP 36/403  |
| Pensky Martens Flash Point    | PM-LU-456   | Pensky Martens_203°C_250ml                 | LU      | 203 °C      | 250 ml        |                | 09 2025         | ASTM D 93 - EN 22719 - ISO 2719 - NFT 60103                                 |
|                               | PM-LU-237   | Pensky Martens_209°C_250ml                 | LU      | 209 °C      | 250 ml        |                | 10 2028         |   |
| Pour Point                    | PP-LU-237   | Pour Point_-24.6°C_250ml                   | LU      | -24.6°C     | 250 ml        |                | 10 2028         | ASTM D 97 – ASTM D 5950 - NFT 60-105 – ISO 3016 – ASTM D 5949 – ASTM D 6749 |
| Kinematic Viscosity at +20°C  | VI20-LU-237   | Kinematic Viscosity +20°C_88.1mm2/s_250ml  | LU      | 88.1 mm²/s  | 250 ml        |                | 10 2028         | ASTM D 445  |
| Kinematic Viscosity at +40°C  | VI40-LU-237   | Kinematic Viscosity +40°C_32.93mm2/s_250ml | LU      | 32.93 mm²/s | 250 ml        |                | 10 2028         | ASTM D 445  |
| Kinematic Viscosity at +100°C | VI100-LU-237  | Kinematic Viscosity +100°C_5.59mm2/s_250ml | LU      | 5.59 mm²/s  | 250 ml        |                | 10 2028         | ASTM D 445  |