



## GASOLINE

Test name	Item code	Designation	Product	Value	Bottle Volume	Production lot	Expiration date	Main Method
Density at 15°C	DE-GA-607	Density_739.7kg/m3_250ml	E5	739.7 kg/m³	250 ml	GA-607	01 2026	ASTM D 4052 - ISO 12185
Automatic Distillation (Unleaded)	DI-GA-607	Distillation_27.7_179.6°C_250ml	E5	27.7 °C / 179.6 °C	250 ml	GA-607	01 2026	ASTM D 86 - ISO EN 3405 - IP 123 - DIN 51751
Reid Vapour Pressure	VP-GA-607	Reid Vapour_73.9kPa_250ml	E5	73.9 kPa	250 ml	GA-607	01 2026	ASTM D 323A - EN13016-1 - ASTM D 4953A - ASTM D 5191
Aromatic Content	AC-GA-607	Aromatic Content_27.3%_250ml	E5	27.3 % vol	250 ml	GA-607	01 2026	ASTM D5580 - ASTM D1319 -ISO 22854 - EN 15553
Benzene Content	BE-GA-607	Benzene Content_0.57%_250ml	E5	0,57 % vol	250 ml	GA-607	01 2026	ASTM D 4053 - EN 238 - EN ISO 22854 - ASTM D 6277
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

Test name	Item code	Designation	Product	Value	Bottle Volume	Production lot	Expiration date	Main Method
Density at 15°C	DE-KR-564	Density_795.9kg/m3_250ml	KR	795.9 kg/m3	250 ml	KR-564	05 2024	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 2024	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 2024	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 2024	ASTM D 3227 - ISO 3012
Acidity	AD-KR-564	Acidity_0.0019mgKOH/g_250ml	KR	0.0019mgKOH/g	250 ml	KR-564	05 2024	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 2024	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 2024	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 2024	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 2024	ASTM D 56
FIA Aromatics	FI-KR-564	FIA Aromatics_17.70%_250ml	KR	17.70 % Vol	250 ml	KR-564	05 2024	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 2024	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 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 1	Fuel smoke point_14.7mm_4x25ml	KR	14.7 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 2	Fuel smoke point_20.2mm_4x25ml	KR	20.2 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 3	Fuel smoke point_22.7mm_4x25ml	KR	22.7 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 4	Fuel smoke point_25.8mm_4x25ml	KR	25.8 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 5	Fuel smoke point_30.2mm_4x25ml	KR	30.2 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
	SM-Mix 6	Fuel smoke point_35.4mm_4x25ml	KR	35.4 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table
SM-Mix 7	Fuel smoke point_42.8mm_4x25ml	KR	42.8 mm	4x25ml	SP-021	05 2024	ASTM D 1322 Reference Fuels Table	



## DIESEL

Test name	Item code	Designation	Product	Value	Bottle Volume	Production lot	Expiration date	Main Method
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
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
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 mm <sup>2</sup> /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 mm <sup>2</sup> /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

Test name	Item code	Designation	Product	Value	Bottle Volume	Production lot	Expiration date	Main Method
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 mm <sup>2</sup> /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 mm <sup>2</sup> /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 mm <sup>2</sup> /s	250 ml		10 2028	ASTM D 445