

# Our Test Capabilities:



JET A1 – FULL SPECIFICATION		GASOIL/DIESEL/CME-Blended Diesel – FULL SPECIFICATION		GASOLINE – FULL SPECIFICATION	
<u>TEST PARAMETERS</u>	<u>METHOD</u>	<u>TEST PARAMETERS</u>	<u>METHOD</u>	<u>TEST PARAMETERS</u>	<u>METHOD</u>
Appearance	Visual	Density	D4052 / D1298	Density	D4052
Acid Number	D3242	Appearance	Visual	Appearance	Visual
Aromatic, Olefins, Saturates	D1319 / D6379	Ash Content	D482	Color	Visual
Colour, Saybolt	D156	BTU / Heat of Combustion, gross/net	D4868/Calculated	Corrosion Copper	D130
Copper Strip Corrosion	D130	Carbon Residue	D4530	Distillation	D86
Density	D4052	Cetane Index	D976 / D4737	Existent Gum	D381
Distillation	D86	Color, ASTM	D1500	Lead Content, g/L	D3237
Electrical Conductivity	D2624	Corrosion, Copper	D130	RON	D2699
Particle Count	IP 565	Distillation	D86	MON	D2700
Existent Gum	D381	Fame Content	PNS EN14103	Sulfur Content	D4294
Fame in Avtur	IP585	Flash Point, PMCC	D93	Vapor Pressure	D5191 / D6378
Flash Point	IP 170	Lubricity	D6079	Water Content	D6304
Freezing Point	D2386	Sulfur Content	D4294	Mercaptan Sulfur	D3227
Jet Fuel Thermal Oxidation Test (JFTOT)	D3241	Water & Sediment	D2709		
Kinematic Viscosity @ -20 deg C	D445	Water Content	D6304		
Mercaptan Sulphur	D3227	Viscosity @ 40°C	D445		
Naphthalenes	D1840	Pour Point	ASTM D97		
Smoke Point	D1322	Cloud Point	D2500		
Specific Energy	D3338	Ash	D482		
Particulate Contamination	D5452	Total Acid Number	D974 / D664		
Sulfur Content	D4294	Water by Distillation	D95		
Water Separator Index	D8073				

# Our Test Capabilities:



Coco Methyl Ester (CME)		IFO		Ethanol	
<u>TEST PARAMETERS</u>	<u>METHOD</u>	<u>TEST PARAMETERS</u>	<u>METHOD</u>	<u>TEST PARAMETERS</u>	<u>METHOD</u>
Appearance	Visual	Density	D1298	Density	D4052
Acid Number	D974	Flash point	D93	Colour	Visual
Density	D4052 / D1298	Sulfur Content	D4294	Acidity / Alkalinity, pHe	D6423
Flash Point	D93	Water & Sediment	D1796	Total Acids	D1613
Viscosity at 40°C	D445	Asphaltene	IP143	Inorganic Chlorides	D512
CME Purity	PNS EN14103	Kinematic Viscosity at 50°C	D445	Electrical Conductivity	D1125
C12 (Methyl Laurate)	PNS EN 14103	Total Sediment (TSA/TSP)	IP390 / D4870	Water Content	D6304
Water & Sediment	D2709	Total Sediment	IP375	Copper	D1688
Cloud point	D2500	Sediment by Extraction	D472	Ethanol Purity	D5501
MCR	D4530	Water by Distillation	D95	Methanol Content	D5501
Copper Corrosion	D130	Pour point	D97		
Water Content	D6304	Compatibility and Cleanliness	D4740		
Cold Soak Filtration	D7501	MCR	D4530		
Sulphated Ash	D874	Ash	D482		
		Gross Heating Value	D4868		
		Vanadium	D5863 (Proc. A)		
		Aluminum + Silicon	D5184		
		Sodium	D5863 (Proc. B)		