

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



1961

Accredited to
ISO/IEC 17025:2017

Jet-Care International Inc

Issue No: 027 Issue date: 13 August 2019

3 Saddle Road
Cedar Knolls
New Jersey
07927
USA

Contact: Mrs A Potere
Tel: + 001-973-292-9597
E-Mail: alisonpotere@jet-care.com
Website: www.jet-care.com

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
COOLANTS Engine Coolants (monitoring to determine fitness for purpose)	<u>Chemical and Physical Tests</u> Anions: Chloride, Nitrate, Nitrite, Phosphate Sulphate Determination of Coolant Properties – by Refractive Index with calculation of freeze point, %ethylene glycol and boiling point	Documented In-House Methods M054 based on ASTM D5827 by Ion Chromatography M052 based on ASTM D3321
PETROLEUM and PETROLEUM PRODUCTS, OILS and LUBRICANTS Aviation Oils and Dark Oils Oils	<u>Chemical and Physical Tests</u> Elemental analysis: Ag, Al, B, Ba, Be, Ca, Cd, Cl, Cr, Cu, Fe, Li, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Si, Sn, Ti, V, W, Zn Colour Ferromagnetic particles	Documented In-House Methods M019 based on ASTM D5185 by ICP M009 based on ASTM D6045 Automatic Tristimulus method with conversion to ASTM D1500 M025 by Particle Quantifier



1961
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Jet-Care International Inc
Issue No: 027 Issue date: 13 August 2019

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PETROLEUM and PETROLEUM PRODUCTS, OILS and LUBRICANTS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	Documented In-House Methods (cont'd)
Oils (cont'd)	Flash Point (Cleveland Cup)	M020 based on ASTM D92
	Fuel Dilution	M037 by GC based on ASTM D3524
	Initial pH (IpH)	M016 by IpH meter
	Particle (alloy type)	M013 by Scanning Electron Microscope
	Oxidation, Nitration, Soot, etc	M017 using FTIR
	Total Acid Number	M007 based on ASTM D664
	Total Base Number	M006 based on ASTM D2896
	Total Base Number (0.1 to 250mg KOH/g)	ASTM D4739-17 by titration
	Viscosity	M002 based on ASTM D445
	Viscosity Index calculated from Viscosity at 40°C and 100°C	ASTM D2270-10 (2016) by calculation
	Water content	M023 based on ASTM D6304
Used Oils	Blotter Spot Test	ASTM D7899 (modified)
	Crackle test	M026
	Density and Specific Gravity	M011 based on ASTM D5002
	Flash point Go-no-go	M001 Closed cup based on ASTM D7094 and ASTM D93A (mode) Eralytics Automatic Flash Point tester
	General filter	M032
	IpH	M016 by IpH meter
	Insoluble material	M010 by membrane filtration



1961
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Jet-Care International Inc
Issue No: 027 Issue date: 13 August 2019

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PETROLEUM and PETROLEUM PRODUCTS, OILS and LUBRICANTS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	Documented In-House Methods (cont'd)
Used Oils (cont'd)	Metallic debris	M022
	Size and Number of Particles	M033 & M045 based on NAS 1638, ISO4406, SAE4059
	Measurement of Antioxidant Content	M039 based on ASTM D6971 by RULER
TRANSFORMER OILS	<u>Chemical and Physical Tests</u>	Documented In-House Methods
	Dissolved Gases	M050 based on ASTM D3612 by Head Space Gas Chromatography
	Dielectric Breakdown Voltage	M051 based on ASTM D1816 and ASTM D877

END