

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK



2750

Accredited to
ISO/IEC 17025:2005

ITS Testing Services (UK) Limited (Intertek Farnborough)

Issue No: 008 Issue date: 29 March 2012

Fuels & Lubricants
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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
PETROLEUM and PETROLEUM PRODUCTS	<u>Chemical and Physical Tests</u>	
	Total acid number of used oils	In-House Documented Procedure FLM 196 using Methrolm 778/794/836/815 (based on SAEARP 5088)
	Total base number of used oils	In-House Documented Procedure FLM 216 (based on IP 400) FLM 221
	Water content of used oils	In-House Documented Procedure FLM 198 using Methrolm 774 Karl Fischer (based on ASTM D6304)
	Specific gravity of used oils	In-House Documented Procedure FLM 199 using DA500 (based on IP 365)
	HIAC particle counting in fluids and lubricants	In-House Documented Procedure FLM 207 using HACH Ultra PODS
	Kinematic viscosity of used oils	In-House Documented Procedure FLM 200 using Automatic Houillon Viscometer (based on IP 71)
	Appearance	In-House Documented Procedure FLM 212
Presence of microbiological contaminants	In-House Documented Procedure FLM 211 using HY-LITE Test Kit	



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PETROLEUM and PETROLEUM PRODUCTS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	
	Debris analysis	In-House Documented Procedures 114, 170 and 174 using Millipore Filtration, Scanning Electron Microscopy with X-Ray Analysis and Eagle μ Probe EDXRF
	Debris analysis	In-House Documented Procedure FLM 210 using Debris Tester MK1
	Elemental analysis of used oils including: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, W, Zn	In-House Documented Procedures 30, 106, 107, 113, 182, 191 using Inductively Coupled Plasma (based on ASTM D5185)
AVIATION LUBRICANTS	Analysis of used oils for: Chlorine Lead Sulphur	In-House Documented Procedures 183 using EDXRF (based on IP 336)
	<u>Physical Tests</u>	
FUELS	Evaluation of coking propensity	In-House Documented Procedure FLM 98 using the Hot Liquid Process Simulator (HLPS) Single Phase Flow Technique (based on ARP 5996 Revision A)
	<u>Chemical and Physical Tests</u>	
	Cloud Point	IP 444/09
	Colour - ASTM Colour	ASTM D6045/09
	Density at 15 °C	IP 365/97 (2004)
	Aviation Fuel Thermal Oxidation Stability Test	IP 323/11



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OILS AND GREASES	<u>Chemical and Physical Tests</u> Determination of ferromagnetic debris in fluids, lubricants and greases	FLM 31 using pqA
	END	