

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	ALcontrol UK Limited Trading as ALcontrol Laboratories	
	Issue No: 005 Issue date: 07 July 2011	
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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>	Documented In-House Methods
Oils	Chlorine	WCK/058 using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)
	Dielectric breakdown	WCA/023 based on BS EN 60156
	Flash Point (Pensky Martens Closed Cup)	WCK/007 based on ASTM Method D93
	Oil Cleanliness	WCK/064 in-house procedure for international method BS EN ISO 4406
	Total Acid Number	WC/024 based on IP Method IP 177
	Total Acid Number	WC/015 based on IP Method IP 139
	Total Base Number	WC/008 based on IP Method IP 276
	Viscosity	WC/005 based on IP Method IP 71
	Water Content	WCA/022 based on ASTM Method D4928 and WCK047 based on ASTM method D6304 and WCK047 based on ASTM method D6304 (Modified for OCM analysis)



2744
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ALcontrol UK Limited
Trading as ALcontrol Laboratories
Issue No: 005 Issue date: 07 July 2011

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 (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Density Heat of Combustion Cloud Point Pour Point Wear Metals: Aluminium Barium Boron Cadmium Calcium Chromium Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Phosphorus Potassium Silicon Silver Sulphur Tin Titanium Vanadium Zinc	WCK071 based on IP method IP 160 WCK063 based on ASTM method D 240 WCK065 based on IP method IP 219 WCK012 based on IP method IP 15 WC/010 using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) based on ASTM Method D5185
Insulating oils	Polychlorinated biphenyls (Total)	WCK061 and PM004 using extraction, SPE clean-up and capillary GC-ECD, based on BS EN 61619:1997

END