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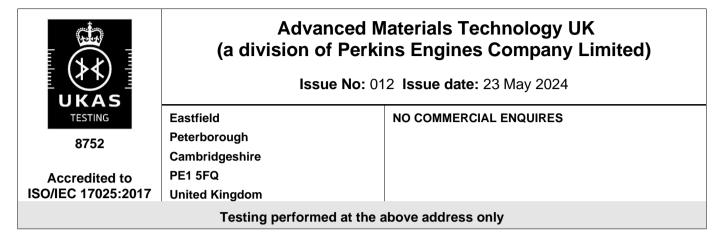### issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

UKAS TESTING **8752** **Accredited to ISO/IEC 17025:2017**	**Advanced Materials Technology UK** **(a division of Perkins Engines Company Limited)** **Issue No:** 012 **Issue date:** 23 May 2024

Eastfield **Peterborough** **Cambridgeshire** **PE1 5FQ** **United Kingdom**	**NO COMMERCIAL ENQUIRES**

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
METALS, ALLOYS and METAL PRODUCTS	Chemistry Tests Elemental Analysis of Steel: C, Mn, Si, P,S,Ni, Cr, Cu, Mo, V, Ti, AL, Nb, W,Co, Pb, B and Stainless steel: C, Mn, Si, P,S,Ni, Cr, Cu, Mo, V, Ti, AL, Nb, W,Co, Pb and Aluminium Alloys: Si, Fe, Cu, Mn, Mg, Cr, Ni, Zn, Ti, Pb, Sn.	Documented In-House Method SWI 01101 (OES)
	Corrosion Tests Salt spray	ASTM B117-19 SAE J2334-201604
	Mechanical Tests Tensile Testing at Ambient Temperature	BS EN ISO 6892-1:2019 Method A
	Hardness: Brinell (HBW 1/10, 1/30, 2.5/62.5) (HBW 2.5/187.5, 10/3000)	BS EN ISO 6506-1:2014
	Vickers (HV0.3 to HV30)	BS EN ISO 6507-1:2023 (Excluding Annex H)
	Rockwell (HRA, HRB, HRC) (HR30N, HR30T)	BS EN ISO 6508-1:2023

UKAS
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8752
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(a division of Perkins Engines Company Limited)

Issue No: 012   **Issue date:** 23 May 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS (Cont'd)	Metallurgical tests	
	Graphite Morphology	BS EN ISO 945-1:2019 ASTM A247-19
	Case Depth	BS EN ISO 18203: 2022 (Hardness test method only)
	Decarburization	BS EN ISO 3887:2023 Metallographic method Micro-indentation hardness method (Vickers)
	Plating Thickness	BS EN ISO 1463:2021
END		