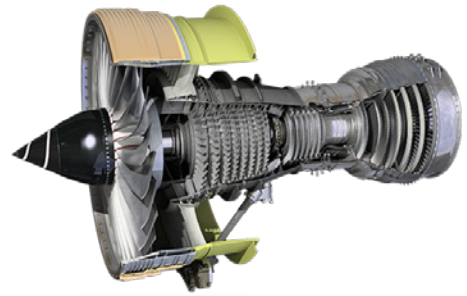


## APPLICATION GUIDE

# ChipCHECK - Rolls-Royce Trent 700

The ChipCHECK alloy naming convention follows SAE standards which may differ from the Manual. This application guide is a cross reference between the ChipCHECK report and the Rolls-Royce Trent 700.



	ChipCHECK	Rolls-Royce Trent 700
Fe Base	1010	Not listed for this engine type
	8740	Not listed for this engine type
	4130 / 52100	AMS6440, EN31
	15CDV6 (AIR)	Not listed for this engine type
	4340	AMS6414, AMS6415
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	RBD, Hykro
	Nitralloy 135 Mod	Not listed for this engine type
	9310	AMS6265
	35NCD16 (AIR)	S82/S156
	Nitralloy N	Not listed for this engine type
	H-13	18:4:1
	6308	Not listed for this engine type
	M50	M50, AMS6491
	400 Series	Not listed for this engine type
	M50 Nil	M50Nil, AMS6278
	Jethete M152 (P)	MSRR6503, Jethete M152
	15-5PH / 17-4PH	Not listed for this engine type
	AM-350	Not listed for this engine type
	17-7 PH	Not listed for this engine type
	300 Series	Not listed for this engine type
Maraging 250 (P)	Not listed for this engine type	
Alloy No. 42 (P)	Not listed for this engine type	
A286	Not listed for this engine type	
ALNICO 5 (P)	Not listed for this engine type	
Al Base	6061	AMS4129
	2024	Not listed for this engine type
	2219	Not listed for this engine type
	2618	Not listed for this engine type
	C355.0 / 356.0 / 357.0	AMS4219
7075	Not listed for this engine type	
Ni Base	Waspalloy	Not listed for this engine type
	Inconel 718	Not listed for this engine type
	Hastelloy X	Not listed for this engine type
	Inconel 625	Not listed for this engine type
	Inconel X750	Not listed for this engine type
Nickel	Not listed for this engine type	
Ti Base	Ti 6-4	Not listed for this engine type
	Ti 6-2-4-6	Not listed for this engine type
Cu Base	Copper	AMS4616
	CDA443 (CDA)	S-189
Co Base	L-605	Not listed for this engine type
	Elgiloy	Not listed for this engine type
Ag Base	Silver	Not listed for this engine type

If you have any questions, please contact [support@gastops.com](mailto:support@gastops.com)

Disclaimer: The analyzed wear debris is reported by ChipCHECK as the nearest matched alloy classification per ASTM D8182-18. Any analyzed wear debris that could not be classified by ChipCHECK is reported as "Unclassified". Note that unclassified results do not necessarily constitute that the sample is in absence of the materials included in the configured material library. An unclassified result may be due to an inadequate spectra collected from the particles, which can be mitigated by following the procedures outlined in the user manual. All results reported by ChipCHECK are subject to the proper use, operation, and maintenance of the device in compliance with the defined requirements in user manual C009802.