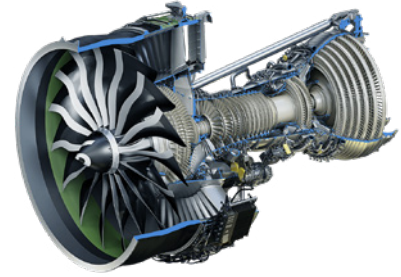


APPLICATION GUIDE

ChipCHECK - GE90 and GENx

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 GE90 and GENx.



	ChipCHECK	GE90 and GENx
Fe Base	1010	N/A to this engine type
	8740	N/A to this engine type
	4130 / 52100	AISI 4130
	15CDV6 (AIR)	N/A to this engine type
	4340	AISI 4340 or AISI 4350
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	NITRALLOY
	Nitralloy 135 Mod	N/A to this engine type
	9310	AISI 9310
	35NCD16 (AIR)	N/A to this engine type
	Nitralloy N	N/A to this engine type
	H-13	N/A to this engine type
	6308	N/A to this engine type
	M50	M50
	400 Series	AISI 410 or AISI 440 C
	M50 Nil	M50 NIL
	Jethete M152 (P)	N/A to this engine type
	15-5PH / 17-4PH	15-5 PH or 17-4 PH
	AM-350	N/A to this engine type
	17-7 PH	17-7 PH
	300 Series	AISI 301 or AISI 302 or AISI 321
Maraging 250 (P)	MARAGE 250	
Alloy No. 42 (P)	N/A to this engine type	
A286	N/A to this engine type	
ALNICO 5 (P)	N/A to this engine type	
Al Base	6061	N/A to this engine type
	2024	2024-T351
	2219	N/A to this engine type
	2618	2618-T61
	C355.0 / 356.0 / 357.0	N/A to this engine type
	7075	N/A to this engine type
Ni Base	Waspalloy	N/A to this engine type
	Inconel 718	INCO 718
	Hastelloy X	N/A to this engine type
	Inconel 625	INCO 625
	Inconel X750	N/A to this engine type
Nickel	N/A to this engine type	
Ti Base	Ti 6-4	Ti 6-4
	Ti 6-2-4-6	N/A to this engine type
Cu Base	Copper	N/A to this engine type
	CDA443 (CDA)	N/A to this engine type
Co Base	L-605	N/A to this engine type
	Elgiloy	N/A to this engine type
Ag Base	Silver	N/A to this engine type

If you have any questions, please contact 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.