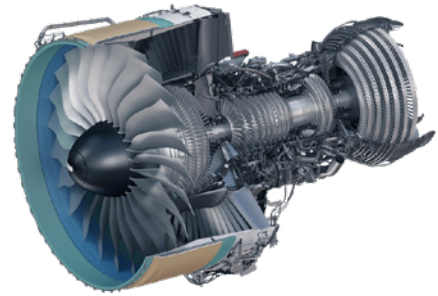


APPLICATION GUIDE

ChipCHECK - GP7000

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 GP7000.



	ChipCHECK	GP7000
Fe Base	1010	N/A to this engine type
	8740	AMS 6322 w/coating
	4130 / 52100	52100 or AMS 6444 or AMS 6378 or MS 10.25
	15CDV6 (AIR)	N/A to this engine type
	4340	PW A725 or AMS 6414 or AMS 6415 w/plating per AMS 2412
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	ASTM A681 (S-7)
	Nitralloy 135 Mod	N/A to this engine type
	9310	AMS 6265
	35NCD16 (AIR)	N/A to this engine type
	Nitralloy N	N/A to this engine type
	H-13	ASTM A681 (H-13)
	6308	N/A to this engine type
	M50	M50 or AMS 6491
	400 Series	N/A to this engine type
	M50 Nil	M50 NIL
	Jethete M152 (P)	N/A to this engine type
	15-5PH / 17-4PH	N/A to this engine type
	AM-350	N/A to this engine type
	17-7 PH	N/A to this engine type
	300 Series	AMS 5511 or AMS 5646 or AMS 5516 or AMS 5362
Maraging 250 (P)	N/A to this engine type	
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	AMS 4117 w/coating or AMS 4146
	2024	Al (2024-T351) or AMS 4120 / T351
	2219	AMS 4144
	2618	N/A to this engine type
	C355.0 / 356.0 / 357.0	AMS 4215
	7075	N/A to this engine type
Ni Base	Waspalloy	N/A to this engine type
	Inconel 718	N/A to this engine type
	Hastelloy X	N/A to this engine type
	Inconel 625	N/A to this engine type
	Inconel X750	AMS 5671
	Nickel	N/A to this engine type
Ti Base	Ti 6-4	AMS 4928 w/coating or AMS 4928
	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.