

APPLICATION GUIDE

ChipCHECK - CF34

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 CF34.



	ChipCHECK	CF34
Fe Base	1010	AMS 5022, AMS 5069, AMS 5112, ASTM A228
	8740	N/A to this engine type
	4130	AMS 6350, AMS 6370, AMS 6354
	52100	AMS 6444
	15CDV6 (AIR)	N/A to this engine type
	4340	AMS 6414, AMS 6415, AMS 6359
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	N/A to this engine type
	Nitralloy 135 Mod	AMS 6470, AMS 6472, AMS 6471
	9310	AMS 6265
	35NCD16 (AIR)	N/A to this engine type
	Nitralloy N	N/A to this engine type
	H-13	H-13
	6308	N/A to this engine type
	M50	AMS 6491, B50TF103, AMS 6490
	400 Series	AMS 5350, AMS 5504, AMS 5618, AMS 5630
	M50 Nil	B50TF211
	Jethete M152 (P)	N/A to this engine type
	15-5PH /17-4PH	AMS 5659, AMS 5643, AMS 5343
	AM-350	N/A to this engine type
	17-7 PH	AMS 5528
	300 Series	AMS 5645, AMS 5646, AMS 5510, AMS 5512, AMS 5637, AMS 5640, AMS 5557, AMS 5364, AMS 5639, MIL-S-7720, ASTM A580, AMS 5570, ASTM A269, AMS 5654, AMS 5848, AMS 5696
	Maraging 250 (P)	N/A to this engine type
	Alloy No. 42 (P)	N/A to this engine type
	A286	AMS 5732, AMS 5734, AMS 5735, AMS 5737, AMS 5731
	ALNICO 5 (P)	N/A to this engine type
Al Base	6061	AMS 4027, AMS 4127, AMS 4117
	2024	2024-T4, 2024-T351, QQ-A-225/6
	2219	N/A to this engine type
	2618	N/A to this engine type
	C355.0 / 356.0 / 357.0	AMS 4215, AMS 4219, AMS 4218
Ni Base	7075	N/A to this engine type
	Waspaloy	AMS 5709
	Inconel 718	AMS 5589, AMS 5596, B50TF16, AMS 5663, AMS 5662, AMS 5383, ISJAT, C50TF103, C50TF71, C50TF81, B50TF213, C50TF37, B50TF15
	Hastelloy X	N/A to this engine type
	Inconel 625	AMS 5666, AMS 5401, AMS 5581, AMS 5402, AMS 5599, B50TF133
Ti Base	Inconel X750	AMS 5542, AMS 5598, AMS 5667, AMS 5599
	Nickel	N/A to this engine type
	Ti 6-4	C50TF57 CL-C, B50TF102, AMS 4965
Cu Base	Ti 6-2-4-6	N/A to this engine type
	Copper	N/A to this engine type
Co Base	CDA443 (CDA)	N/A to this engine type
	L-605	AMS 5759
Ag Base	Elgiloy	AMS 5876
	Silver	AMS 2412, AMS 2410

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.