

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	
	1010	AMS 5022, AMS 5069, AMS 5112, ASTM A228	
	8740	N/A to this engine type	
	4130 / 52100	AMS 6444, AMS 6350, AMS 6370, AMS 6354	
	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	
Fe Base	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	
		6061	AMS 4027, AMS 4127, AMS 4117
		2024	2024-T4, 2024-T351, QQ-A-225/6
Al Base	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	
	7075	N/A to this engine type	
	Waspaloy	AMS 5709	
Ni Base	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	
	Inconel X750	AMS 5542, AMS 5598, AMS 5667, AMS 5599	
	Nickel	N/A to this engine type	
Ti Base	Ti 6-4	C50TF57 CL-C, B50TF102, AMS 4965	
	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	AMS 5759	
	Elgiloy	AMS 5876	
Ag Base	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.