

APPLICATION GUIDE

ChipCHECK - V2500

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 V2500.



	ChipCHECK	V2500
Fe Base	1010	N/A to this engine type
	8740	AMS6322 or AMS6323
	4130 / 52100	AMS6444 (52100)
	15CDV6 (AIR)	N/A to this engine type
	4340	AMS6414 or AMS6415
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	MSRR6012 or S/CMV or 32CrMoV13
	Nitralloy 135 Mod	N/A to this engine type
	9310	AMS6265 AISI (9310)
	35NCD16 (AIR)	MSRR6024 or BS/S156
	Nitralloy N	N/A to this engine type
	H-13	QQ-T570 or CLH-13 or CPM-10V
	6308	N/A to this engine type
	M50	AMS6491 or MSRR6083 (M50)
	400 Series	AMS7470 or Greek Ascology
	M50 Nil	M50 Nil
	Jethete M152 (P)	N/A to this engine type
	15-5PH / 17-4PH	AMS5355 or 17/4PH or SS80
	AM-350	HC101 - Casting
	17-7 PH	N/A to this engine type
	300 Series	HC104 - Casting or X6CrNiTi1811
Maraging 250 (P)	N/A to this engine type	
Alloy No. 42 (P)	N/A to this engine type	
A286	AMS5732 or A-286	
ALNICO 5 (P)	N/A to this engine type	
Al Base	6061	N/A to this engine type
	2024	N/A to this engine type
	2219	N/A to this engine type
	2618	N/A to this engine type
	C355.0 / 356.0 / 357.0	N/A to this engine type
	7075	N/A to this engine type
Ni Base	Waspaloy	MSRR 7011
	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	N/A to this engine type
Nickel	N/A to this engine type	
Ti Base	Ti 6-4	N/A to this engine type
	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.