SPECTRO'   J	iet-care DEBRIS & FILTER ANA	ALYSIS RE	PORT		
Attn § CC § CC § Equip Type / SN §	Duty Engineer  	Laboratory Ref Customer Ref § Sample Date § Report Date Date Received Aircraft Reg § Aircraft Type § Aircraft SN §	AV15G133  17 Jul 15 18 Jul 15 18 Jul 15 AW139		
Description §	MGB Mast Chip	Report Issue:	1		
		Full Scale 11928 c Full Scale 11928 c Element S Cr H Fe H Mn H P H Si H	3 4 5 ts Cursor: 1.224 (135 cts) Series Atomic% ( 1.61 ( 95.76 ( 0.47 ( 1.40 ( 0.77	Fe Mn 6 7 <b>Weight%</b> 1.51 96.85 0.46 0.79 0.39 100.00	52100

Iron

Main Constituent

Material (nearest match)

1.5% Chromium steel such as SAE 52100 (e.g. AMS 6440 or 6444).

Form	<b>Condition</b>	<u>Size (mm)</u>	<b>Quantity</b>
Slivers	Shiny	up to 04.4 x 1.6	Approx. 5

First optical image of SAE 52100 steel sliver.



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M013 Composition of solid particles using SEM and EDX analysis expressed in % or nearest match. By authority of Richard Medhurst - Quality Officer

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Second optical image o	f SAE 52100 steel sliver.			
Third optical image of S	SAE 52100 steel sliver.			

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