



DysonAnalysis.com  
1161 Silverlake Drive  
Grapevine, Texas 76051

1255001

**Sample Information** 0877  
**Site** Grapevine, TX  
**Area** J Mortimer Darlings Island NB  
**Unit** Mercedes Benz  
**Equipment** Gasoline Engine  
**Description** 2010 C63 AMG  
**Sample Pt Key**  
**Fluid in Use** Mobil 1 0W40  
**Fluid Grade** SAE CRANKCASE 0w40  
**Lst Fluid Change** 05/2012

**Equipment Information**  
**Equipment Type** Gasoline Engine  
**Cooled** **Cooling Source**  
**Filtered** **Filter Size**  
**Lst Filter Change** 05/2012  
**Sump Capacity**  
**Lubrication System**  
**Lubed Components**  
**Bearing Types**  
**Gear Types**

**Sample Evaluation**

**Wear** **Physical** **Contaminant** **Lab**

Sample Information			Wear Metals									Additive Metals						Contaminant Metals					
Samp No	Hrs/Miles	Samp Date	Iron	Coppe	Tin	Lead	Chrom	Nickel	Alum	Titan	Silver	Calciu	Magne	Zinc	Phos	Bariu	Molyb	Antim	Silico	Sodiu	Boron	Potas	Vanad
12051000	5380/11879	05/06/2012	21	65	0	0	1	0	9	0	0	2093	43	1289	1057	0	20	16	9	9	33	0	0
11051784	6499/6499	05/07/2011	50	30	0	2	2	0	28	0	0	1136	106	826	683	0	71	0	24	14	127	0	0
<b>Watch Advisory</b>			50	25	20	25	15	10	15	10	10							20	150	50	25	10	
<b>Warning Advisory</b>			100	50	40	50	30	20	30	20	20							75	150	100	50	20	
<b>Reference</b>																							

Sample Information		Physical and Other Tests											
Samp No	Samp Date	V40C	V100C	TAN	FLASH	OXID	NIT	KF	TBN	FUEL	SOOT	GLYCOL	vndx
12051000	05/06/2012	71.1	12.5	2.82	260	99	11	1219	4.5	1.81	0	0	176
11051784	05/07/2011	64.3	11.1	2.85	290	32	10	901	2.6	1.55	0	0	166
<b>Watch</b>		72.0 -88.0	12.6 -15.4	2.5	400	20	15	750	3	2	2		
<b>Warning</b>		68.0 -92.0	11.5 -16.1	4	375	30	25	1500		4	4		
<b>Ref</b>													

Sample Information		Other Tests	Samp No	Comments / Recommendations
Samp No	Samp Date			
12051000	05/06/2012		12051000	Sulfate By-Products = 115.
11051784	05/07/2011		11051784	Sulfate By Products = 32.7;
<b>Watch</b>				
<b>Warning</b>				
<b>Ref</b>				