



DysonAnalysis.com  
3679 CR 2184  
Greenville, TX 75402

1255001

**Sample Information**  
**Site** Greenville, TX **0410**  
**Area** Jim Arnold Akron, OH  
**Unit** Toyota  
**Equipment** Gasoline Engine  
**Description** 2007 Prius 1 5L 4 Cyl DOHC  
**Sample Pt Key**  
**Fluid in Use** TropArtic 5w30 Syn  
**Fluid Grade** SAE CRANKCASE 5w30  
**Lst Fluid Change** 11/07/2007

**Equipment Information**  
**Equipment Type** Gasoline Engine  
**Cooled** **Cooling Source**  
**Filtered** **Filter Size**  
**Lst Filter Change** 11/07/2007  
**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
07110753	3808/4760	11/07/2007	6	19	0	0	0	1	3	0	0	1416	9	790	748	1	37	0	52	5	135	0	0
			50	25	20	25	15	10	15	10	10							20	150	50	25	10	
Watch Advisory Warning Advisory Reference			100	50	50	40	30	20	30	20	20							75	150	100	50	20	

Sample Information		Physical and Other Tests											
Samp No	Samp Date	V40C	V100C	TAN	FLASH	OXID	NIT	KF	TBN	FUEL	SOOT	GLYCOL	vndx
07110753	11/07/2007	41.9	7.8	1.70	305	14	9	1522	3.4	1.42	0	0.06	158
		90 -110	9.8 -12	2.5	400	20	15	750	3	2	2		
Watch Warning Ref		85 -115	9.3 -12.5	4	375	30	25	1500		4	4		

Sample Information		Other Tests	Samp No	Comments / Recommendations
Samp No	Samp Date			
07110753	11/07/2007		07110753	Sulfate By Product = 19.
Watch Warning Ref				

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