



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 Penn Platinum 5W30
Fluid Grade SAE CRANKCASE 5w30
Lst Fluid Change 04/26/2008

Equipment Information
Equipment Type Gasoline Engine
Cooled **Cooling Source**
Filtered **Filter Size**
Lst Filter Change 04/26/2008
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
08050001	5365/11543	04/26/2008	14	3	0	0	1	1	5	0	0	2056	19	761	912	2	41	0	15	9	59	0	0
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
			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	
08050001	04/26/2008	47.9	8.8	2.05	270	18	13	667	4.1	1.73	0	0.40	166	
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			
		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			
08050001	04/26/2008		08050001	Sulfate By Product = 22.
07110753	11/07/2007		07110753	Sulfate By Product = 19.

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