



DysonAnalysis.com
3679 CR 2184

Greenville, TX 75402

1255001

Sample Information 0258
Site Greenville, TX
Area Dennis Coyne Oreno, ME
Unit Toyota
Equipment Gasoline Engine
Description 2004 Prius 1NZFXE
Sample Pt Key
Fluid in Use RLI Biosyn 0w20
Fluid Grade SAE CRANKCASE 0w20
Lst Fluid Change

Equipment Information
Equipment Type Gasoline Engine
Cooled **Cooling Source**
Filtered **Filter Size**
Lst Filter Change
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	
08121027	20016/101336	12/10/2008	13	1	0	1	1	0	4	0	0	2029	10	969	1002	0	3	225	21	18	10	0	1	
08071113	10264/91584	07/14/2008	10	1	0	1	0	1	4	0	0	1970	16	968	798	5	3	188	19	17	8	0	0	
08011265	15155/80650	01/20/2008	12	1	0	1	1	1	5	0	0	1715	12	817	853	0	8	178	11	12	11	0	0	
07110389	10002/75497	11/05/2007	8	1	0	0	0	0	3	0	0	1973	13	1032	711	0	10	205	20	15	12	0	0	
07081848	5106/70601	08/21/2007	6	1	0	0	0	0	3	0	0	2003	13	1011	829	0	11	191	14	13	15	0	0	
07060930		06/08/2007	20	1	0	0	1	1	8	0	0	2155	27	1054	699	0	161	0	20	12	63	0	0	
Watch Advisory			50	25	20	25	15	10	15	10	10								20	150	50	25	10	
Warning Advisory			100	50	40	50	30	20	30	20	20								75	150	100	50	20	
Reference 10/11/2007			1	0	0	0	0	0	1	0	0	1897	10	1026	764	0	2	265	5	12	16	0	0	

Sample Information		Physical and Other Tests											
Samp No	Samp Date	V40C	V100C	TAN	FLASH	OXID	NIT	KF	TBN	FUEL	SOOT	GLYCOL	vndx
08121027	12/10/2008	47.0	8.2	2.52	330	167	19	608	1.2	1.20	0	0	150
08071113	07/14/2008	45.1	8.1	3.57	375	160	16	681	2.8	.645	0	0	155
08011265	01/20/2008	42.9	8.10	3.42	425	162	17	512	2.1	0.00	0	0	166
07110389	11/05/2007	39.4	7.5	2.75	290	153	16	565	2.2	1.55	0	0	161
07081848	08/21/2007	38.5	7.8	2.21	370	147	12	547	4.20	.722	0	0	177
07060930	06/08/2007	41.3	8.0	2.40	250	25	16	505	3.0	1.80	0	0	171
Watch				2.5	400	20	15	750	3	2	2		
Warning				4	375	30	25	1500		4	4		
Ref				42.6	8.3	1.44	425	141	8	1569	6.0	.431	174

Sample Information		Other Tests	Samp No	Comments / Recommendations
Samp No	Samp Date			
08121027	12/10/2008		08121027	Amended Report; Sulfate By Product = 128.
08071113	07/14/2008			
08011265	01/20/2008			
07110389	11/05/2007			
07081848	08/21/2007		08071113	Sulfate By Product = 127.
07060930	06/08/2007			
Watch				
Warning				
Ref 10/11/2007				

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