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6279 CR 1140

Celeste, Texas 75423

1255001

Sample Information
Site Celeste, TX
Area Dennis Coyne Oreno, ME
Unit Toyota
Equipment Gasoline Engine
Description 2010 Prius Gen 3 1 8L 4 cyc
Sample Pt Key
Fluid in Use Penn Platinum 5W20
Fluid Grade SAE CRANKCASE 5w20
Lst Fluid Change 11/12/2009

0744

Equipment Information
Equipment Type Gasoline Engine
Cooled **Cooling Source**
Filtered **Filter Size**
Lst Filter Change 11/12/2009
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	
09111189	3980/9867	11/12/2009	12	12	0	1	1	0	10	0	0	2435	17	934	839	3	121	0	35	6	48	3	0	
09091100	5887/5887	09/08/2009	19	71	2	1	1	0	11	0	0	2084	18	988	916	8	1167	0	287	13	75	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																								

Sample Information		Physical and Other Tests											
Samp No	Samp Date	V40C	V100C	TAN	FLASH	OXID	NIT	KF	TBN	FUEL	SOOT	GLYCOL	vndx
09111189	11/12/2009	36.9	7.5	1.74	350	18	9	2049	7.6	1.03	0	0.28	177
09091100	09/08/2009	35.9	7.6	2.44	335	36	9	1030	4.4	1.16	0	1.41	188

Sample Information		Other Tests	Samp No	Comments / Recommendations
Samp No	Samp Date			
09111189	11/12/2009		09111189	Sulfate By Product = 23;
09091100	09/08/2009		09091100	Sulfate By Product = 40;
Watch				
Warning				
Ref				

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