



DysonAnalysis.com
3679 CR 2184
Greenville, TX 75402

1255001

Sample Information

Site: Greenville, TX
Area: Dyson Test Unit
Unit: Mitsubishi
Equipment: Gasoline Engine
Description: 2006 Outlander 2.4 Mivec I4
Sample Pt Key: 16268
Fluid in Use: RLI Biosyn 0w20
Fluid Grade: SAE CRANKCASE 0w20
Lst Fluid Change: Yes

0032

Equipment Information

Equipment Type: Gasoline Engine
Cooled: Cooling Source
Filtered: Filter Size
Lst Filter Change: Yes
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	Miles	Samp Date	Iron	Coppe	Tin	Lead	Chrom	Nickel	Alum	Titan	Silver	Calciu	Magne	Zinc	Phos	Bariu	Molyb	Antim	Silico	Sodiu	Boron	Potas	Vanad
07090330	4590/31756	09/02/2007	5	2	0	3	0	0	5	0	0	2085	12	988	703	0	6	203	11	16	11	0	0
07061768	5768/27166	06/25/2007	7	3	0	2	0	0	7	0	0	2674	29	1060	850	0	81	0	17	9	43	0	0
07032147	7236/21398	03/23/2007	10	2	0	1	0	0	8	0	0	2579	21	1048	886	2	77	0	17	7	34	0	0
06101444	5184/14162	10/22/2006	6	3	0	2	1	1	6	0	0	2316	18	955	891	2	92	0	9	4	22	0	0
06080270	3895/8978	07/30/2006	4	4	4	0	0	0	6	0	0	1783	15	1032	798	3	614	0	12	4	35	0	0
06070159	4148/5083	07/03/2006	7	8	0	1	0	1	9	0	0	1975	14	957	668	0	112	0	13	6	49	0	0
Watch Advisory			50	25	20	25	15	10	15	10	10								20	150	50	25	10
Warning Advisory			100	50	50	40	30	20	30	20	20								75	150	100	50	20
Reference 06/25/2007			2	0	0	0	0	0	2	0	0	2138	15	1189	954	0	2	281	7	11	20	0	0

Sample Information		Physical and Other Tests											
Samp No	Samp Date	V40C	V100C	TAN	FLASH	OXID	NIT	KF	TBN	FUEL	SOOT	GLYCOL	vndx
07090330	09/02/2007	42.8	8.3	1.67	265	148	12	556	5.5	1.74	0	0	172
07061768	06/25/2007	42.7	7.9	1.90	285	21	10	478	6.0	1.60	0	0.13	158
07032147	03/23/2007	55.7	9.3	1.60	295	20	10	982	3.5	1.48	0	0.32	149
06101444	10/22/2006	44.1	7.9	2.00	355	17	10	918	6.3	246	0	0.529	152
06080270	07/30/2006	37.5	1.50	1.50	270	15	8	458	4.2	238	0	0.1	128
06070159	07/03/2006	48.7	8.9	0.38	290	18	9	380	6.7	246	0.00	0.4	165
Watch		58.5 -71.5	9.0 -10.3	2.5	400	20	15	750	3	220	2		
Warning		55.3 -74.8	8.8 -11.8	4	375	30	25	1500		230	4		
Ref		41.4	7.8	1.26	395	153	6	1053	6.2		0	0	160

Sample Information		Other Tests	Samp No	Comments / Recommendations
Samp No	Samp Date		07090330	Sulfate By-Products = 110.1.
07090330	09/02/2007			
07061768	06/25/2007			
07032147	03/23/2007			
06101444	10/22/2006			
06080270	07/30/2006			
06070159	07/03/2006		07061768	Sulfate By Product = 24.
Watch				
Warning				
Ref 06/25/2007				