



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 | |
| | | | 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 | | | |
| | | 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. |