

Lubricant Inspection Record



METRO TECH SYSTEMS LTD.
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ISO 9001
 Registered Firm

Client McKee Chris
 Location Irricana
 Unit Number ENGINE
 Component
 Make/Model DODGE RAM
 Serial #

Lab Number:	SA1406	SC7383	New Oil
Sample Date:	Jan 05/12	Mar 22/12	
Unit:		173909.0 Kms	
Oil:	24000.0 Kms	35000.0 Kms	
Oil Type:	AMSOIL 5W40	AMSOIL 5W40	AMSOIL 5W40
METALS (D5185): Milligrams per Kilogram (PPM)			
Highlighted Test Results Indicate Abnormal Concentrations			
Tin	1	1	0
Lead	2	2	1
Copper	13	54	0.1
Aluminum	3	5	1
Silicon	6	6	9
Iron	56	66	4
Chromium	1	2	0
Silver	0	0	0
Zinc	1300	1250	1300
Magnesium	1050	1050	1150
Nickel	0	0	0
Barium	0	0	0
Sodium	6	6	2
Calcium	1050	1000	850
Vanadium	0	0	0
Phosphorus	1100	1050	1200
Molybdenum	40	40	43
Boron	33	31	65
Manganese	0	0	0
PHYSICAL PROPERTIES			
Viscosity (D445) @ 40°C			
Viscosity (D445) @ 100°C	14.61	14.56	14.65
Water (D4007) (% v/v)	0	0	0
Solids (D4007) (% v/v)	0.1	0.1	0
Glycol	No	No	
Fuel Dilution	No	No	
OTHER PROPERTIES			
Acid No. (D664)			3.01
Base No. (D2896)			9.87
Base No. (D4739)			
Oxidation			
Nitro Compounds			
Organic Nitrates			
Particle Count (ISO 4406)			
Oil Changed?	No	No	
COMMENTS RATING SYSTEM: A is LOW B is LOW to MODERATE C is MODERATE D is HIGH E is SEVERE			
SA1406 - Tests DO NOT indicate an immediate need for an oil change. Soot content (B). Cylinders; pistons; rings wear (A). Maintain routine sampling. SC7383 - Tests DO NOT indicate an immediate need for an oil change. Soot content (B). Cylinders; pistons; rings wear (A). Maintain routine sampling.			
<p>Laboratory Telephone (403) 295-8803 Results were verified on Mar 23/12 by D. Shkuratoff 108025 01</p>			