



Predictive Maintenance Services, Inc.
 515 Morris Street
 Uhrichsville, Ohio 44683
 740-922-2025

Unit ID: 155 ENGINE
 Client ID: 025
 Unit Type: DIESEL ENGINE
 Unit Make: CAT
 Unit Model: D-11R
 Equip Type: DOZER
 Equip Serial:

ATTENTION CODE:
CAUTION

Lube: CASTROL
 Type: HYPURON
 Grade: 15W40
 Capacity:

REMARKS	* WEAR AND CONTAMINANT LEVELS APPEAR NORMAL.	ATTENTION CODES AAA Acceptable NNN Negative !!!! Critical DDD Critical - Below EEE Excessive CCC Caution MMM Moderate **** Severe CCC Severe - Below ==== Caution BBB Caution - Below ---- Slightly Above Normal LLL Slightly Below Normal TTT Trend
	* OIL OXIDATION LEVELS APPEAR MODERATE	
	* CHANGE OIL AND FILTERS (IF NOT ALREADY DONE).	
	* RESAMPLE AT NORMAL INTERVAL.	

WEAR METALS										MULTISOURCE					ADDITIVES							
IRON	CHROMIUM	LEAD	COPPER	TIN	ALUMINUM	NICKEL	SILVER	TITANIUM	VANADIUM	SILICON	BORON	SODIUM	POTASSIUM	MAGNESIUM	CALCIUM	PHOSPHORUS	ZINC	MOLYBDENUM	BARIIUM	VISC 40c	VISC 100c	VISC INDEX
Sample: 192753 Date Taken: 4/30/2009 Date Tested: 5/8/2009 Hrs/MIs [Oil: 250 Unit: 49672]																						
32	1	1	14	0	4	0	0	0	0	3	41	9	3	9	2475	1240	1305	0	2		16.31	
Sample: 191076 Date Taken: 4/17/2009 Date Tested: 4/21/2009 Hrs/MIs [Oil: 250 Unit: 49711]																						
22	1	1	9	0	4	0	0	0	0	5	50	9	4	11	2339	1128 TTT	1321	0	0		16.08	
Sample: 191075 Date Taken: 4/1/2009 Date Tested: 4/21/2009 Hrs/MIs [Oil: 500 Unit: 49160]																						
44	1	4	17	0	4	1	0	0	1	3	45	10	3	10	2318	1142 TTT	1239	0	0		16.5	----
Sample: 164844 Date Taken: 7/14/2008 Date Tested: 7/15/2008 Hrs/MIs [Oil: 40 Unit: 44902]																						
8	0	0	54 ****	0	3	0	0	0	1	3	71	9	2	16	2162	1397	1216	0	0	0	15.02	0

	PARTICLE COUNT															
	AN	BN	>4(c)	>6(c)	>14(c)	>25(c)	>50(c)	>100(c)	ISO	% WATER	K FISCH	FUEL	GLYC	SOOT	OXI	NIT
192753									//	< 0.1		AAA	NNN	0.164	19 ====	9
191076									//	< 0.1		AAA	NNN	0.132	20 ====	9
191075									//	< 0.1		AAA	NNN	0.22	24 ****	10 ----
164844	0	0	0	0	0	0	0	0	0/0/0	< 0.1	0	AAA	NNN	0.014	15 ----	6

LAB USE ONLY:
 lme

ATTN:

Remarks and comments are advisory only and are based on the assumption that the sample is representative and data submitted is valid. Missing information limits the evaluation. No Warranty is expressed or implied.