BLACKSTONE LABORATORIES	OIL
	REPORT
(LABORATORIES)	

LAB NUMBER: H35530 **REPORT DATE:** 3/2/2016 **CODE:** 20/685

UNIT ID: 08 R320 **CLIENT ID:** 87445 PAYMENT: CC: MC

FUEL TYPE: Diesel	des Benz 3.0 GR disabled	DL V-6 OM642		OIL TYPE & C OIL USE INTE		Synthetic 5W 18,000 KM	//30	
MARC HANNA 703 ROBERT FERRIE DR KITCHENER, ON N2R 0E CANADA			PHONE FAX: ALT PH EMAIL:	( )				
MARC: This is the same that's common after usin too, but at a much lesse discrepancies with the o was 1.0% fuel present, I Check back after 12K kr	ng a longer er extent. W bil's physica but these le	run. Iron is t e don't see a l properties a vels are har	he one that t any mechani are just that mless. The 1	tracks most o cal issues in - minor. The	directly w these nu viscosity	vith oil use; the umbers, and th v was a little th	e others do ne minor ick and there	e
MI/HR on Oil MI/HR on Unit Sample Date Make Up Oil Added	18,000 99,627 2/19/2016 0 qts	UNIT / LOCATION AVERAGES	10,000 90,680 10/14/2015 0 qts	84,000 9/12/2015				UNIVERSAL AVERAGES
ALUMINUM CHROMIUM IRON	5	3	3	2				
IRON	38	24	20	14				4
COPPER	3	2	2	1				

MIL	IRON	38	24	20	14		46
2	COPPER	3	2	2	1		4
E H	LEAD	1	0	0	0		1
٩	TIN	3	1	0	0		1
S	MOLYBDENUM	5	4	3	3		48
Ч	NICKEL	2	1	0	0		1
РА	MANGANESE	0	0	0	0		1
z	SILVER	0	0	0	0		0
S I	TITANIUM	0	0	0	0		0
Ê	POTASSIUM	6	3	1	3		7
Ш	BORON	296	338	364	354		67
ΕM	SILICON	7	5	4	5		6
Ш	SODIUM	2	2	3	2		5
	CALCIUM	1987	2174	2378	2156		1573
	MAGNESIUM	49	51	54	50		254
	PHOSPHORUS	785	873	922	911		839
	ZINC	1039	1096	1190	1060		986
	BARIUM	0	0	0	0		0

			Values Should Be*			•	
	SUS Viscosity @ 210°F	67.1	57-65	65.9	66.5		
	cSt Viscosity @ 100°C	12.17	9.4-11.9	11.86	12.01		
S	Flashpoint in °F	400	>410	425	445		
Ξ	Fuel %	1.0	<2.0	<0.5	<0.5		
ER	Antifreeze %	0.0	0.0	0.0	0.0		
d	Water %	0.0	<0.1	0.0	0.0		
Š	Insolubles %	0.3	<0.6	0.2	0.2		
Id	TBN	4.6	>1.0	6.4			
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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