

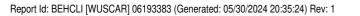
LIEBHERR A934 055585-1007 - Diesel Engine

Sample No: LH0264441

Oil Type: DIESEL ENGINE OIL SAE 10W30

-						
U Sam	ple Inform	ation				
Sample Number		LH0264441	LHMC73555	LHMC63547	LHMC64339	
Sample Date		16 May 2024	29 Nov 2018	07 May 2013	24 Apr 2013	BEHR IRON
Machine Hours		14242	10955	2186	2086	2815 LIBERTY AVE.
Oil Hours		0	0	100	190	CLINTON, IA
Oil Changed		Changed	Changed	Changed	Changed	US 53732
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL	Contact: SERVICE MANAGER
Oil C	ondition					T: F:
Visc @ 100°C	cSt	0 11.4	0 15.18	0 15.13	0 15.05	F.
Base Number (BN) mg KOH/g	9.8				
Oxidation (PA)	%	73	55	36	0 40	Diagnosis
				0	U	Resample at the next service interval
Cart						to monitor. Please specify the brand,
- Cont	aminatio					type, and viscosity of the oil on your
Water	%	NEG	NEG	NEG	NEG	next sample.All component wear
Soot %	%	0.7	2.3	0.5	0 1.1	rates are normal. There is no
Nitration (PA)	%	48	73	0 42	50	indication of any contamination in the
Sulfation (PA)	%	60	63	0 42	0 47	oil. The BN result indicates that there
Glycol	%	NEG	NEG	NEG	NEG	is suitable alkalinity remaining in the oil. The condition of the oil is suitable
Fuel	%	<1.0	<1.0	<1.0	<1.0	for further service.
Silicon	ppm	09	0 17	04	04	
Sodium	ppm	03	04	04	04	
Potassium	ppm	02	0 2	3	02	
Ö wa						
Wea	r Metal s					
Iron	ppm	05	0 15	8	14	
Copper	ppm	0 🔘	0 2	○ <1	01	
Lead	ppm	<mark></mark> <1	2	○ <1	○ <1	
Tin	ppm	<mark></mark> <1	0	0	0	
Aluminum	ppm	01	2	01	01	
Chromium	ppm	0	○ <1	○ <1	○ <1	
Molybdenum	ppm	0 42	07	42	42	
Nickel	ppm	0 🔘	○ <1	◯ <1	◯ <1	
Titanium	ppm	○ <1	6	<1	<1	
Silver	ppm	0	0	0	0	
Manganese	ppm	○ <1	<1	◯ <1	○ <1	
Vanadium	ppm	0	0	0	0	
	tives					
Calcium	ppm	0 1696	0 1816	1227	1243	
Magnesium	ppm	524	0 390	909	922	
Zinc	ppm	0 905	0 1119	0 1302	0 1315	
Phosphorus	ppm	0 788	998	0 1112	0 1155	
Barium	ppm	0	0	0	0	Depot: BEHCLI
Boron	ppm	0 71	0 24	○ <1	○ <1	Unique No: 11050135
		U	U - ·	0	U	Gilque No. 11050155

Depot:BEHCLIUnique No:11050135Signed:Wes DavisReport Date:30 May 2024



Contact/Location: SERVICE MANAGER ? - BEHCLI

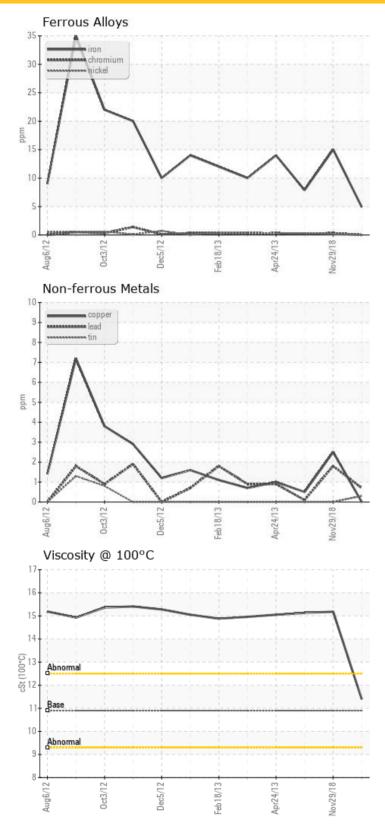




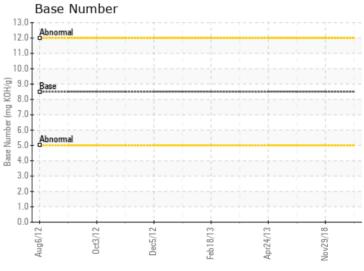




Graphs



Report Id: BEHCLI [WUSCAR] 06193383 (Generated: 05/30/2024 20:35:26) Rev: 1



Contact/Location: SERVICE MANAGER ? - BEHCLI