WEAR CONTAMINATION FLUID CONDITION

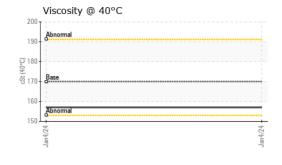
NORMAL NORMAL

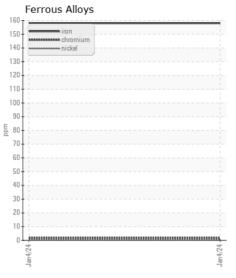


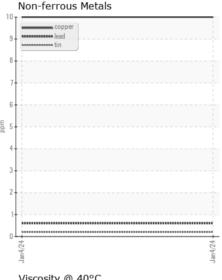
LIEBHERR LH60M 119208-1217

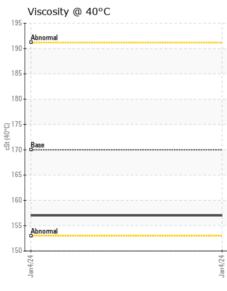
Component Front Right Wheel Hub

LIEBHERR GEAR BASIC 90 LS	(GAL)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number	OOM	Client Info	Little/tori	LH0267396		
Resample at the next service interval to monitor.	Sample Date		Client Info		04 Jan 2024		
	Machine Age	hrs	Client Info		4478		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
WEAD							
WEAR	Iron	ppm	ASTM D5185m		158		
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		2		
	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m	>4	<1		
	Silver	ppm	ASTM D5185m	0.5	0		
	Aluminum	ppm	ASTM D5185m		2		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		10		
	Tin	ppm	ASTM D5185m	>4	<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	4		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2		
There is no more any contamination in the on.	Water		WC Method	>0.2	NEG		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
FLUID CONDITION	Sodium		ACTM DE10Em		•		
	Boron	ppm	ASTM D5185m ASTM D5185m	0	0 138		
The condition of the oil is acceptable for the time in service.	Barium	ppm	ASTM D5185m		92		
	Molybdenum	ppm	ASTM D5185m		<1		
	Manganese	ppm	ASTM D5185m		2		
	Magnesium	ppm	ASTM D5185m		2		
	Calcium	ppm	ASTM D5185m		14		
	Phosphorus	ppm	ASTM D5185m		1119		
	Zinc	ppm	ASTM D5185m		32		
	Sulfur	ppm	ASTM D5185m		29768		
	Visc @ 40°C	cSt	ASTM D3103III		157		
Depart Lt. TTENEW (MILIOCAR) 00054000 / Consequents 04/40/0004/14/54/00) Paris 1	1,00 @ 40 0	001			Siam MICHAI		











Certificate L2367

Laboratory Sample No. Lab Number

Unique Number : 10820331

: LH0267396 : 06054382 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 08 Jan 2024 : 10 Jan 2024 Diagnosed Diagnostician : Jonathan Hester

TT & E IRON 1529 WEST GARNER RD GARNER, NC US 27529 Contact: MICHAEL STANCIL

culaterprowler@aol.com T: (919)524-4326

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)