

NORMAL WEAR CONTAMINATION NORMAL FLUID CONDITION NORMAL



## IEBHERR LH50 1216-118499

Energy Recovery Cylinder

RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

## CONTAMINATION

There is no indication of any contamination in the oil.

## **FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0244198		
Sample Date		Client Info		18 Apr 2023		
Machine Age	hrs	Client Info		5488		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
			000			
Iron	ppm	ASTM D5185m	>300	96		
Chromium	ppm	ASTM D5185m	>150	23		
Nickel	ppm	ASTM D5185m	>10	0		
Litanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	6		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nnm	AQTM D5185m	> 00	12		
Botaccium	ppm	AGTM D5105m	> 20	1		
Wator	ppm	WC Mothod	>20	NEC		
Cilt	agalar	*\/iouol		NONE		
Dobrio	scalar	*Visual	NONE	MODER		
Debits Sand/Dirt	scalar	*\/iouol	NONE	NONE		
	Scalar	VISUAI	NOR	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor Faulaifiad Watan	scalar	*Visual	NORML	NORML		
Emuisified water	scalar	"VISUAI	>0.1	NEG		
Sodium	ppm	ASTM D5185m		4		
Boron	ppm	ASTM D5185m		3		
Barium	ppm	ASTM D5185m		0		
Molvbdenum	maa	ASTM D5185m		0		
Manganese	maa	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		12		
Calcium	ppm	ASTM D5185m		32		
Phosphorus	ppm	ASTM D5185m		357		
Zinc	ppm	ASTM D5185m		6		
Sulfur	mag	ASTM D5185m		5554		
	cSt	ASTM D445		118		

Contact/Location: DAVE CASPER - SADFON





SADOFF IRON AND METAL 240 ARNDT STREET FOND DU LAC, WI : 26 Apr 2023 - Doug Bogart US 54936 Contact: DAVE CASPER casperd@sadoff.com Т: F:



Laboratory

Sample No.

Lab Number : 05828140

: LH0244198

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

Tested

: 24 Apr 2023

: 25 Apr 2023

Contact/Location: DAVE CASPER - SADFON

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