LIEBHERR

CONSTRUCTION EQUIPMENT



Oil Type: 49 NORTH SS 75W90

OIL CONDITION

cSt

86.5

LH0209425

Sample No:

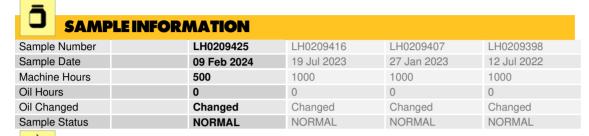
Visc @ 40°C

Wate

Silic

Sodi

Pota





National Salvage Ltd. 206-33 Street N Lethbridge, AB CA T1H 3Z5

Contact: Service Manager

T: F:

C	ONTAMINATIO	ON				
ter	%	NEG	NEG	NEG	NEG	
con	ppm	5	O 7	10	○ 38	
dium	ppm	() <1	1	O 1	3	
assium	ppm	1	O 1	O 1	3	

91.0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEA	R META	LS			
Iron	ppm	25	○ 30	○ 38	O 110
Copper	ppm	○ <1	O <1	O <1	O <1
Lead	ppm	0	0	O 0	O <1
Tin	ppm	0	O 0	O 0	0
Aluminum	ppm	O <1	1	O 2	0 8
Chromium	ppm	O <1	 <1	O <1	O 2
Molybdenum	ppm	2	0	0	0
Nickel	ppm	O <1	O <1	O <1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1 <1	<1	2
Vanadium	ppm	0	0	0	0

Variadiairi	PPIII	V	O	O	O	
ADDITIVES						
Calcium	ppm	8	10	7	16	
Magnesium	ppm	1	O 1	1	2	
Zinc	ppm	5	10	9	12	
Phosphorus	ppm	918	1087	1151	978	
Barium	ppm	0	 <1	<1	5	
Boron	ppm	117	○ 210	221	79	

Depot: NATLET
Unique No: 5724193
Signed: Wes Davis
Report Date: 13 Feb 2024

LIEBHERR





GRAPHS

