

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904C077515 - Splitter Box

Sample No: LH0274795

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0274795	LH0247182	LH0234740	LH
Sample Date	29 Aug 2023	21 Nov 2022	28 Jul 2022	03 Feb 2022
Machine Hours	10288	9707	9252	8735
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CMI - COMBINED METAL INDUSTRIES
 505 GARY RAY DRIVE
 NORTH YORK, ON
 CA M9L 1P9
 Contact: Greg Sacher
 gsacher@combinedmetal.com
 T: (416)642-7262
 F:



OIL CONDITION

Visc @ 40°C	cSt	82.5	91.2	87.4	76.1
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CONTAMINATION

Silicon	ppm	3	2	5	5
Sodium	ppm	1	1	2	1
Potassium	ppm	<1	<1	<1	<1

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.



WEAR METALS

Iron	ppm	13	9	22	40
Copper	ppm	6	2	3	5
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	1	<1	<1	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	59	32	38	93
Magnesium	ppm	3	1	2	3
Zinc	ppm	145	74	84	183
Phosphorus	ppm	1177	1275	1142	1120
Barium	ppm	0	0	0	0
Boron	ppm	234	271	262	196

Depot: COMWES
 Unique No: 5632543
 Signed: Wes Davis
 Report Date: 30 Aug 2023



GRAPHS

