

LABORATORY ANALYSIS



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Department **1-ASSEMBLY**
Equipment No. **R1-2249 2 POLE OIL RECYCLE (00004)**
System **Oil**
Oil Type **ENGINEERED LUBRICANTS ENLUBE 150-LAW (--- GAL)**

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 system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

Lab Number	New	2302-00484	2211-00610	2209-00662
Date of Sample	(Typical)	03 Feb 2023	18 Nov 2022	14 Sep 2022
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		198.6	196.1	194.0
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ABNORMAL	ATTENTION

VISCOSITY @ 100F OR 40C (ASTM D-445)

SSU Vis. @ 100F	SSU	177.9	175.6	154.2
cSt Vis. @ 40C	cSt	32	33.97	29.80

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>19/17/14	18/15/11	21/18/14	20/17/13
4 Micron & Larger	particles/ml	>5000	2,332	▲ 11,065	● 9,930
6 Micron & Larger	particles/ml	>1300	205	● 1,829	■ 1,179
14 Micron & Larger	particles/ml	>160	12	■ 119	■ 43
21 Micron & Larger	particles/ml	>40	4	■ 32	■ 16
38 Micron & Larger	particles/ml	>10	0	■ 1	■ 2
70 Micron & Larger	particles/ml	>3	0	■ 0	■ 0

ICP - OILS (REPORTED IN PARTS PER MILLION)

Aluminum (Al)	ppm		<5	<5	<5
Antimony (Sb)	ppm		<5	<5	<5
Cadmium (Cd)	ppm		<5	<5	<5
Chromium (Cr)	ppm		<5	<5	<5
Cobalt (Co)	ppm		<5	<5	<5
Copper (Cu)	ppm		<5	<5	<5
Iron (Fe)	ppm		<5	<5	<5
Lead (Pb)	ppm		<5	<5	<5
Manganese (Mn)	ppm		<5	<5	<5
Molybdenum(Mo)	ppm		<5	<5	<5
Nickel (Ni)	ppm		<5	<5	<5
Silver (Ag)	ppm		<5	<5	<5
Tin (Sn)	ppm		<5	<5	<5
Titanium (Ti)	ppm		<5	<5	<5
Vanadium (V)	ppm		<5	<5	<5
Barium (Ba)	ppm		<5	<5	<5
Boron (B)	ppm		<5	<5	<5
Calcium (Ca)	ppm		<5	<5	<5
Magnesium (Mg)	ppm		<5	<5	<5
Phosphorus(P)	ppm	625	548	517	464
Silicon (Si)	ppm		<5	<5	<5
Zinc (Zn)	ppm	25	<5	<5	9
Sulfur (S)	ppm		1,560	1,560	1,370

CONTAMINATION

Water		NEG	NEG	NEG
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Customer Id: NIDMEN
Sample No.: EN23020484
Lab Number: 23020484
Test Package: TEST



To manage this report scan the QR code

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OIL ANALYSIS REPORT

