

OIL ANALYSIS REPORT

Sample Rating Trend





DIAGNOSIS

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2														
Sample Number		Client Info		PCA0109927	PCA0090519															
Sample Date		Client Info		28 Mar 2024	05 May 2023															
Machine Age	hrs	Client Info		2795	1744															
Oil Age	hrs	Client Info		2795	1212															
Oil Changed		Client Info		N/A	N/A															
Sample Status				NORMAL	NORMAL															
CONTAMINAT	ON	method	limit/base	current	history1	history2														
Fuel		WC Method	>5	<1.0	<1.0															
Water		WC Method	>0.2	NEG	NEG															
Glycol		WC Method		NEG	NEG															
WEAR METAL	S	method	limit/base	current	history1	history2														
Iron	nnm	ASTM D5185m	>110	41	73															
Chromium	nnm	ASTM D5185m	>4	~1	2															
Nickel	ppm	ASTM D5185m	>2	<1	<1															
Titanium	ppm	ASTM D5185m		<1	2															
Silver	ppm	ASTM D5185m	>2	0	0															
Aluminum	mag	ASTM D5185m	>25	4	12															
Lead	mag	ASTM D5185m	>45	0	<1															
Copper	mag	ASTM D5185m	>85	<1	4															
Tin	ppm	ASTM D5185m	>4	0	1															
Vanadium	ppm	ASTM D5185m		0	<1															
Cadmium	ppm	ASTM D5185m		0	0															
ADDITIVES		method	limit/base	current	history1	history2														
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current 16	history1 19	history2														
ADDITIVES Boron Barium	ppm ppm	method ASTM D5185m ASTM D5185m	limit/base	current 16 0	history1 19 0	history2 														
ADDITIVES Boron Barium Molybdenum	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57	history1 19 0 66	history2 														
ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1	history1 19 0 66 2	history2 														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919	history1 19 0 66 2 935	history2 														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919 1074	history1 19 0 66 2 935 1159	history2 														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965	history1 19 0 66 2 935 1159 989	history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965 1171	history1 19 0 66 2 935 1159 989 1246	history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965 1171 3519	history1 19 0 66 2 935 1159 989 1246 3546	history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965 1171 3519 current	history1 19 0 66 2 935 1159 989 1246 3546 history1	history2 history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965 1171 3519 current 2	history1 19 0 66 2 935 1159 989 1246 3546 history1 6	history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm TS	method ASTM D5185m	limit/base limit/base >30	current 16 0 57 <1 919 1074 965 1171 3519 current 2 <1	history1 19 0 66 2 935 1159 989 1246 3546 history1 6 2	history2														
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 16 0 57 <1 919 1074 965 1171 3519 current 2 <1 5	history1 19 0 66 2 935 1159 989 1246 3546 history1 6 2 19	history2 history2														
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OIL ANALYSIS REPORT



10 St (100°C)

10

Laboratory

Sample No.

Lab Number : 06137625

Unique Number : 10957090

Test Package : MOB 2

Amr. 172

: PCA0109927



NONE

NONE

Certificate L2367