

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id **TANK** Component **New (Unused) Oil** Fluid **{not provided} (--- GAL)**

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06215229		
Sample Date		Client Info		18 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		<1		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		<1		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		251		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		225		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		811		
Calcium	ppm	ASTM D5185m		1461		
Phosphorus	ppm	ASTM D5185m		899		
Zinc	ppm	ASTM D5185m		1053		
Sulfur	ppm	ASTM D5185m		3603		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		6		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304		NEG		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624		5.3		
Sulfation	Abs/.1mm	*ASTM D7415		19.1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		13.7		
Base Number (BN)	mg KOH/g	ASTM D2896		10.1		



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Contact/Location: ANGIE FARMER - QUAGOL