

# **OIL ANALYSIS REPORT**

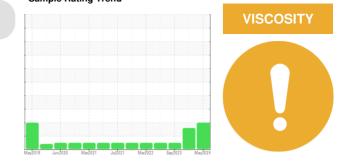
Sample Rating Trend



### Area **KEMP QUARRIES / HULBERT OHT097**

Rear Left Final Drive

Fluid MOBIL MOBILTRANS HD 50 (--- GAL)



	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
	Sample Number		Client Info		PCA0085958	PCA0109180	PCA0086797
nonitor.	Sample Date		Client Info		10 May 2024	10 Feb 2024	29 Sep 2023
	Machine Age	hrs	Client Info		36071	35540	35032
	Oil Age	hrs	Client Info		1000	0	34585
	Oil Changed		Client Info		Not Changd	Not Changd	Changed
ion in the	Sample Status				ATTENTION	ATTENTION	NORMAL
	CONTAMINA	TION	method	limit/base	current	history1	history2
is plus the	Water		WC Method	>0.2	NEG	NEG	NEG
different	WEAR META	LS	method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m	>800	49	64	142
	Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
	Nickel	ppm	ASTM D5185m	>5	1	<1	2
	Titanium	ppm	ASTM D5185m	>15	<1	<1	<1
	Silver	ppm	ASTM D5185m	>2	1	0	0
	Aluminum	ppm	ASTM D5185m		2	2	3
	Lead	ppm	ASTM D5185m	>10	- <1	0	<1
	Copper	ppm	ASTM D5185m		6	5	8
	Tin	ppm		>8	<1	0	<1
	Vanadium	ppm	ASTM D5185m	20	<1	0	0
	Cadmium	ppm	ASTM D5185m		<1	0	<1
	ADDITIVES	ppm	method	limit/base		history1	history2
	Boron	ppm	ASTM D5185m		23	28	65
	Barium	ppm	ASTM D5185m		0	0	9
	Molybdenum	ppm	ASTM D5185m		4	4	8
	Manganese	ppm	ASTM D5185m		<1	0	1
	Magnesium	ppm	ASTM D5185m		53	68	98
	Calcium	ppm	ASTM D5185m		<mark> </mark> 1235	662	242
	Phosphorus	ppm	ASTM D5185m		628	802	655
	Zinc	ppm	ASTM D5185m		677	861	378
	Sulfur	ppm	ASTM D5185m		<b>—</b> 4038	5083	11488
	CONTAMINA	NTS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>400	11	15	28
	Sodium	ppm	ASTM D5185m		1	<1	0
	Potassium	ppm	ASTM D5185m	>20	2	1	2
	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual	20.L	NEG	NEG	NEG
vratad: 05/20/202/	1 20:29:45) Rov: 1	Juaiai	Visual		nLu	NEG	Submitted By

### DIAGNOSIS Recommendation

Resample at the next service interval to

#### Wear

All component wear rates are normal.

#### Contamination

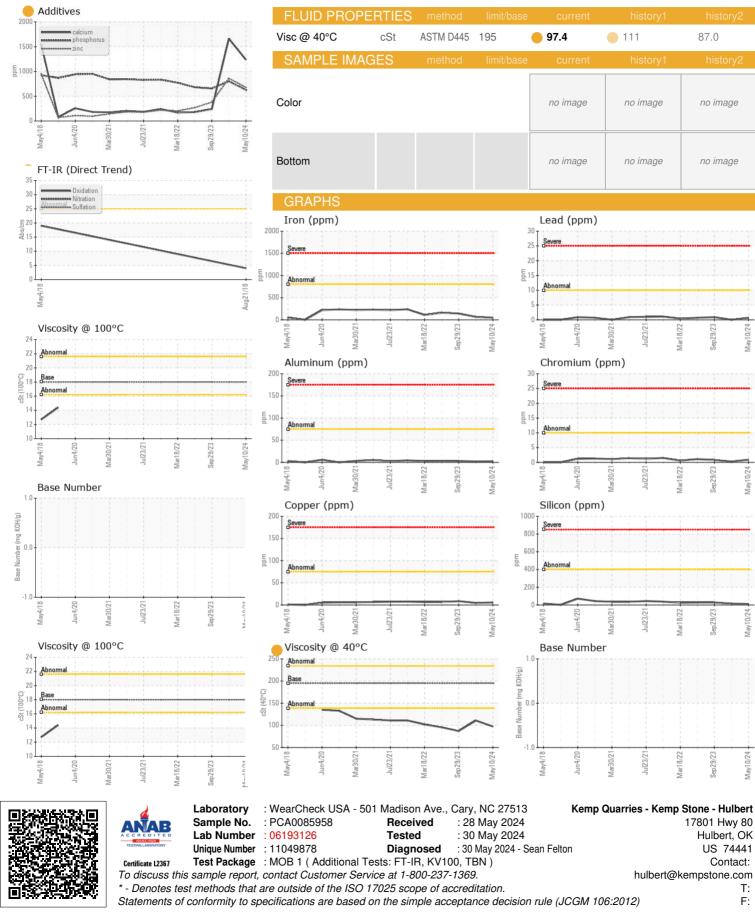
There is no indication of any contamina oil.

#### Fluid Condition

The oil viscosity is lower than normal. additive levels indicates the addition of brand, or type of oil. Confirm oil type.



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10/24

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F: