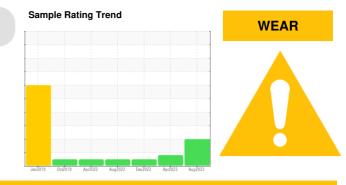


OIL ANALYSIS REPORT





KEMP QUARRIES / RIVER VALLEY ARKOMA **OHT102** Component **Front Right Final Drive** Fluid

MOBIL MOBILUBE HD 80W90 (--- GAL)

DIAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		PCA0083941	PCA0070398	PCA0070473
No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Date		Client Info		22 Aug 2023	20 Apr 2023	09 Dec 2022
	Machine Age	hrs	Client Info		29115	28531	27903
	Oil Age	hrs	Client Info		29115	28531	27510
	Oil Changed		Client Info		Changed	Changed	Not Changd
Wear	Sample Status				ABNORMAL	ABNORMAL	NORMAL
Bearing and/or bushing wear is indicated.	WEAR METALS	;	method	limit/base	current	history1	history2
There is no indication of any contamination in the	Iron	ppm	ASTM D5185m	>800	130	156	236
oil.	Chromium	ppm	ASTM D5185m	>10	<1	1	2
Fluid Condition	Nickel	ppm	ASTM D5185m		<1	1	0
dditive levels indicate the addition of a different			ASTM D5185m		<1	0	<1
brand, or type of oil. Confirm oil type. The condition of the oil is acceptable for the time in service.		ppm	ASTM D5185m		0	0	0
			ASTM D5185m		<1	0	3
		ppm	ASTM D5185m		2	0	0
	-		ASTM D5185m		_ 158	▲ 84	45
		ppm	ASTM D5185m		5	3	2
			ASTM D5185m	20	ر <1	0	0
	• · ·	ppm	ASTM D5185m		<1	0	0
		ppm		live it /le e e e			
	ADDITIVES		method	limit/base	current	history1	history2
		ppm	ASTM D5185m		93	288	211
		ppm	ASTM D5185m		0	0	0
		ppm	ASTM D5185m		2	10	14
		ppm	ASTM D5185m		1	2	2
	-	ppm	ASTM D5185m		5	3	<1
	Calcium	ppm	ASTM D5185m		<u> </u>	39	20
	Phosphorus	ppm	ASTM D5185m		951	998	971
	Zinc	ppm	ASTM D5185m		<u> </u>	20	19
	Sulfur	ppm	ASTM D5185m		6687	19601	23695
	CONTAMINANT	S	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>400	18	8	8
	Sodium	ppm	ASTM D5185m		<1	<1	<1
	Potassium	ppm	ASTM D5185m	>20	1	<1	0
	VISUAL		method	limit/base	current	history1	history2
			*Visual	NONE	LIGHT	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	MODER	MODER
	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		*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
	FLUID PROPER	RTIES	method	limit/base	current	history1	history2
eport Id: KEMSHA [WUSCAR] 05936845 (Generated: 08/29/2023		cSt	ASTM D445	136	190	138	138 Submitted By

Page 1 of 2



OIL ANALYSIS REPORT

