

WEAR NORMAL CONTAMINATION **SEVERE FLUID CONDITION ABNORMAL**



RECOMMENDATION

(62A0YH1) TALLASSEE 920055-102722 **Diesel Engine**

MOBIL DELVAC 1300 SUPER 15W40 (--- LTR)

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

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All component wear rates are normal.

CONTAMINATION

There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

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The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

	UOM	Method	Limit/Abn	Current	Lliotom	L lister v0
Test	UOIVI		LIMII/ADD		History1	History2
Sample Number Sample Date		Client Info Client Info		GFL0081920 20 Jun 2024		GFL0080701
· ·	bro	Client Info		20 Jun 2024	20 May 2024	11 Apr 2024 9686
Machine Age	hrs			-	9942 9942	
Oil Age	hrs	Client Info		10242		9686
Filter Age	hrs	Client Info		0	0 Nat Ohan d	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Filter Changed		Client Info		N/A	Not Changd	N/A
Sample Status				SEVERE	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>120	5	6	2
Chromium	ppm	ASTM D5185m	>20	<1	0	0
Nickel	ppm	ASTM D5185m	>5	<1	0	0
Titanium	ppm	ASTM D5185m	>2	<1	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>20	4	2	<1
Lead	ppm	ASTM D5185m	>40	<1	1	<1
Copper	ppm	ASTM D5185m	>330	2	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Ciliaan				·····	4	
Silicon	ppm	ASTM D5185m	>25	6 2	4	2
Potassium	ppm	ASTM D5185m	>20	_	<1	10
Fuel	%	ASTM D3524	>3.0	▲ 6.1	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	21	WC Method	4	NEG	NEG	NEG
Soot %	%	*ASTM D7844	>4	0.2	0.3	0.2
Nitration	Abs/cm	*ASTM D7624	>20	5.7	6.9	5.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.8	18.8	18.1
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
Odor	scalar	*Visual	NORML	NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		2	3	3
Boron	ppm	ASTM D5185m	0	4	10	11
Barium	ppm	ASTM D5185m	0	1	0	0
Molybdenum	ppm	ASTM D5185m	0	54	63	59
worybuenum					<1	0
Manganese	ppm	ASTM D5185m		<1		0
		ASTM D5185m ASTM D5185m	0	<1 842	976	935
Manganese	ppm		0			
Manganese Magnesium	ppm ppm	ASTM D5185m	0	842	976	935
Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m	0	842 997	976 1071	935 1077
Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	0	842 997 995	976 1071 1032	935 1077 1003
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0	842 997 995 1139	976 1071 1032 1271	935 1077 1003 1224
Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		842 997 995 1139 2987	976 1071 1032 1271 3439	935 1077 1003 1224 3604

