

Machine Id SZLG730154 Component Diesel Engine Fluid DIESEL ENGINE OIL SAE 40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

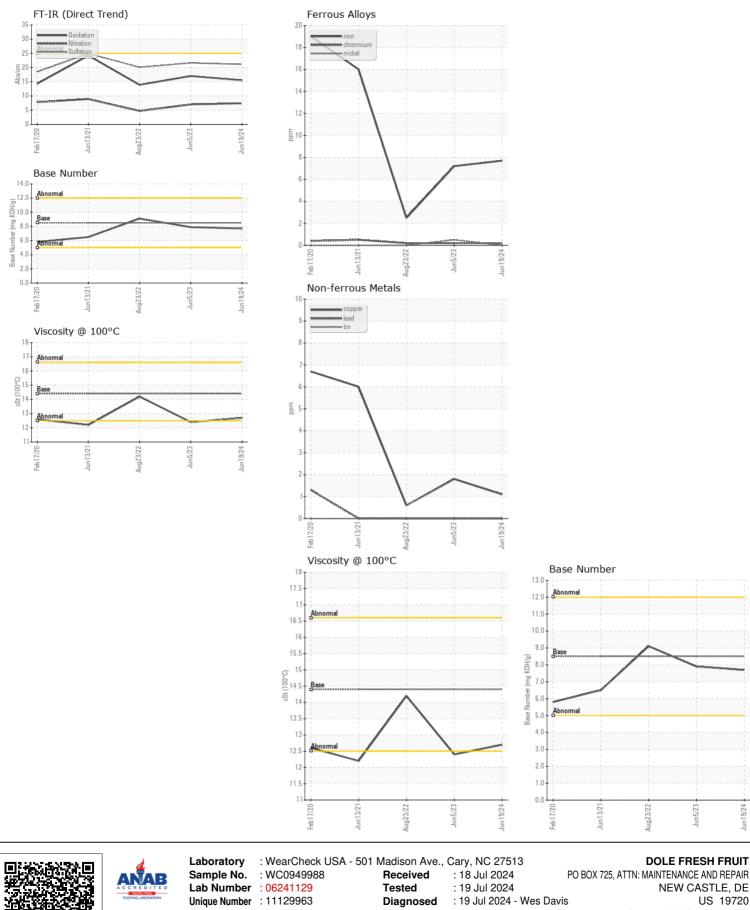
CONTAMINATION

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 Date Client Info 19 Jun 2024 05 Jun 2023 23 Aug 2022 Machine Age hrs Client Info 0 0 0 0 Gil Age hrs Client Info 0 0 0 0 0 Gil Age hrs Client Info N/A N/A N/A Changed Gil Anaged Client Info N/A N/A N/A Changed Gilter Changed Client Info N/A N/A N/A Changed Sample Status Client Info N/A N/A N/A Changed Itranium ppm ASTM D5185m >100 8 7 2 Chromium ppm ASTM D5185m >20 <1	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 8274 6742 5252 Oil Age hrs Client Info 0 0 0 Filter Age hrs Client Info N/A N/A Changed Oil Changed Client Info N/A N/A N/A Changed Sample Status Client Info N/A N/A N/A NORMAL Iron ppm ASTM D5185m >200 <1 <1 <1 Nickel ppm ASTM D5185m >200 <1 <1 <1 Nickel ppm ASTM D5185m >30 0 <1 <1 Silver ppm ASTM D5185m >30 0 0 <0 Agad ppm ASTM D5185m >30 0 0 0 <1 1 Tin ppm ASTM D5185m >20 1 <1 1 1 Yelow Metal scalar "Visual NONE NONE NO	Sample Number		Client Info		WC0949988	WC0814740	WC0731411
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Manganese ppm ASTM D5185m 0 <1	Barium	ppm	ASTM D5185m	10	0	2	0
Magnesium ppm ASTM D5185m 450 376 459 372 Calcium ppm ASTM D5185m 3000 1696 1506 1450 Phosphorus ppm ASTM D5185m 1150 946 1004 1072 Zinc ppm ASTM D5185m 1350 1217 1223 1280 Sulfur ppm ASTM D5185m 4250 3080 3564 4111 Oxidation Abs/.1mm<*ASTM D7414 >25 15.5 17.0 13.9 Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Molybdenum	ppm	ASTM D5185m	100	88	98	87
Calcium ppm ASTM D5185m 3000 1696 1506 1450 Phosphorus ppm ASTM D5185m 1150 946 1004 1072 Zinc ppm ASTM D5185m 1350 1217 1223 1280 Sulfur ppm ASTM D5185m 4250 3080 3564 4111 Oxidation Abs/.tmm *ASTM D7414 >25 15.5 17.0 13.9 Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Manganese	ppm	ASTM D5185m		0	<1	<1
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Zinc ppm ASTM D5185m 1350 1217 1223 1280 Sulfur ppm ASTM D5185m 4250 3080 3564 4111 Oxidation Abs/.tmm *ASTM D7414 >25 15.5 17.0 13.9 Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Calcium	ppm	ASTM D5185m	3000	1696	1506	
Sulfur ppm ASTM D5185m 4250 3080 3564 4111 Oxidation Abs/.1mm *ASTM D7414 >25 15.5 17.0 13.9 Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Phosphorus	ppm	ASTM D5185m	1150	946	1004	1072
Oxidation Abs/.1mm *ASTM D7414 >25 15.5 17.0 13.9 Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Zinc	ppm	ASTM D5185m	1350	1217	1223	1280
Base Number (BN) mg KOH/g ASTM D2896 8.5 7.7 7.9 9.1	Sulfur	ppm	ASTM D5185m	4250	3080	3564	4111
	Oxidation	Abs/.1mm	*ASTM D7414	>25	15.5	17.0	13.9
Visc @ 100°C cSt ASTM D445 14.4 (12.7) 12.4 14.2		mg KOH/g	ASTM D2896		7.7		
	Visc @ 100°C	cSt	ASTM D445	14.4	12.7	12.4	14.2



 Certificate 12367
 Test Package
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 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 *
 Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

D BOX 725, ATTN: MAINTENANCE AND REPAIR NEW CASTLE, DE US 19720 Contact: LUIS LAPIERRE luis.lapierre@dole.com T: (302)652-6344 *M 106:2012)* F: (302)652-6061

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Contact/Location: LUIS LAPIERRE - DOLWIL Page 2 of 2