

Machine Id **182139** Component **Diesel Engine** Fluid **DIESEL ENGINE OIL SAE 40 (--- QTS)**

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

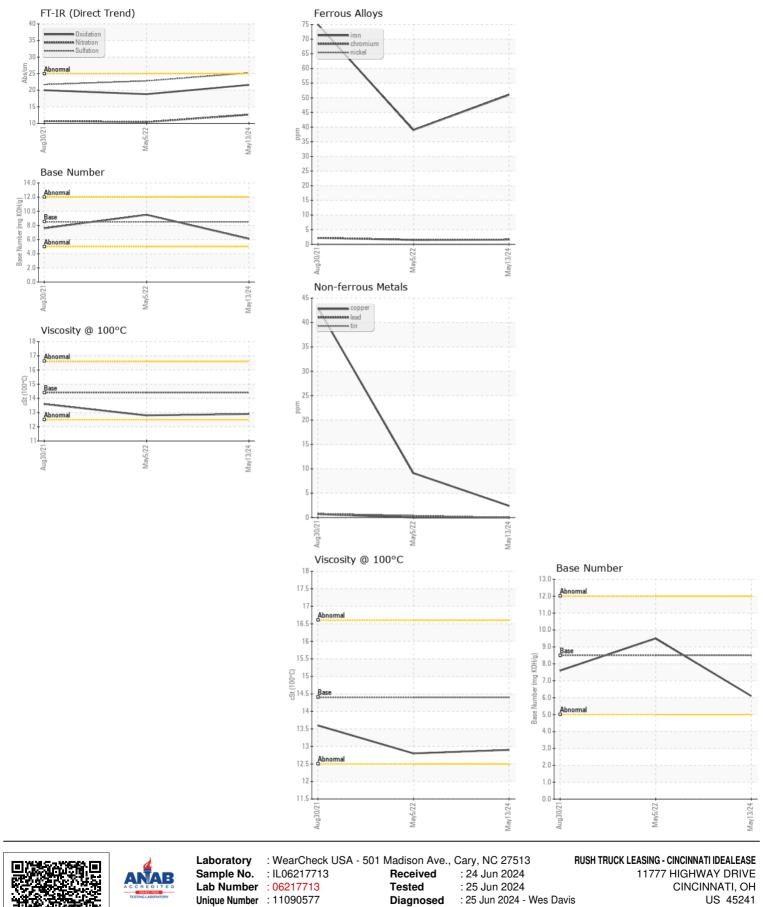
CONTAMINATION

Elevated aluminum (AI) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

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The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Test UOM Method LimitAb Current History1 History2 Sample Number Client Info IL082/17713 IL05549898 IL05359287 Sample Date Client Info 2236 852 409 Oil Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A Filter Age nrs Client Info N/A N/A N/A Filter Changed Client Info N/A N/A N/A N/A Sample Status - NORMAL NORMAL NORMAL NORMAL Iron pp ASTM D5185m<>10 0 0 <1 Silver pp ASTM D5185m >30 0 <1 <1 Silver pp ASTM D5185m >320 2 9 43 Titanium pp ASTM D5185m >320 2							
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Oxidation Abs/.1mm *ASTM D7414 >25 21.6 18.8 20 Base Number (BN) mg KOH/g ASTM D2896 8.5 6.1 9.5 7.6	Sulfur	ppm	ASTM D5185m		3341	2818	2094
			*ASTM D7414			18.8	20
	Base Number (BN)	mg KOH/g	ASTM D2896	8.5	6.1	9.5	7.6
	Visc @ 100°C	cSt	ASTM D445	14.4	12.9		



Test Package : FLEET Contact: ROBERT BAIER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. baierr@rushenterprises.com * - 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)

Report Id: IDECIN [WUSCAR] 06217713 (Generated: 06/25/2024 04:30:37) Rev: 1

Contact/Location: ROBERT BAIER - IDECIN Page 2 of 2

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