

[43871159]

L1448

Diesel Engine

CHEVRON DELO 400 SAE 10W30 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

WEAR

Metal levels are typical for a components first oil change.

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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Sample NumberClient InfoWC0553865Sample DateClient Info20 Mar 2024Machine AgekmsClient Info73294Oil AgekmsClient Info73294Filter AgekmsClient InfoChangedFilter ChangedClient InfoChangedSample StatusClient InfoChangedSample StatusVorminpmASTM05160>202IronpmASTM05160>202NickelppmASTM05160>2<1SilverppmASTM05160>20AluminumppmASTM05160>2018VanadiumppmASTM05160>30025SiliconppmASTM05160>2047SuliconppmASTM05160>2047VanadiumppmASTM05160>2047SuliconppmASTM051650>2047SuliconppmASTM051650>2047KambineppmASTM051650>2047KambineppmASTM051650>2047KambineppmASTM0516		Test	UOM	Method	Limit/Abn	Current	History1	History2
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Oxidation Abs/.1mm ASTM D7414* >25 19.7		Zinc	ppm	ASTM D5185(m)	1400	1121		
		Sulfur	ppm	ASTM D5185(m)		2329		
Visc @ 100°C cSt ASTM D7279(m) 11.1 11.6		Oxidation	Abs/.1mm	ASTM D7414*	>25	19.7		
		Visc @ 100°C	cSt	ASTM D7279(m)	11.1	11.6		

FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

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