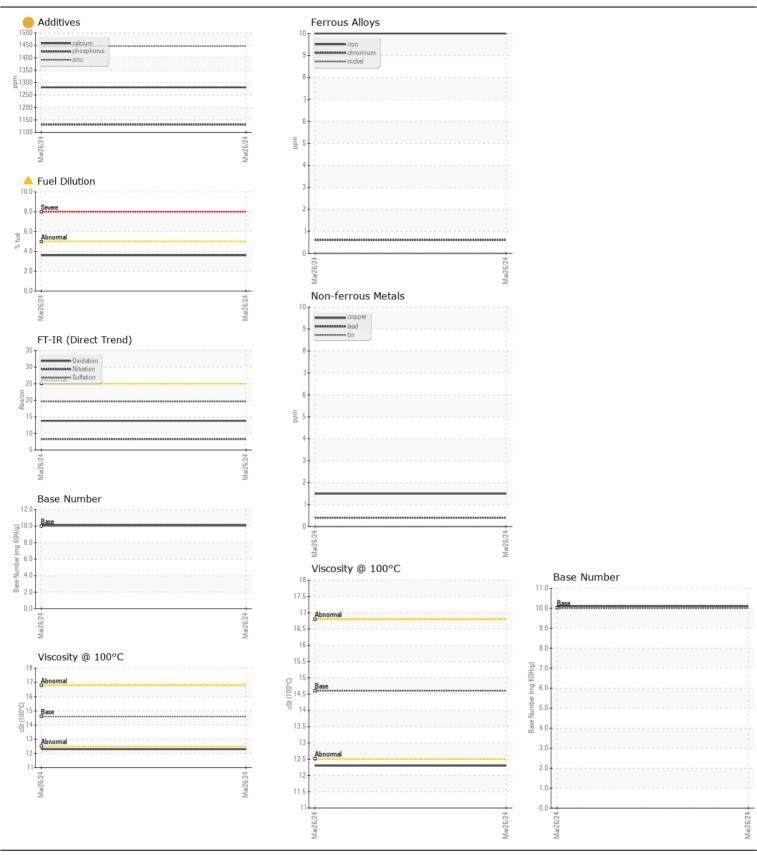
WEAR CONTAMINATION **FLUID CONDITION**

NORMAL MARGINAL ATTENTION

Machine Id

12544 - REEFER

Test UOM	Diesel Engine							
Test	CHEVRON DELO 400 SDE SAE 15W40 (QTS	S)						
Model stange at the time of sampling has been noted. Confirm the source of the Ubricant being utilized for top-upfill. Resample at the nost service introval to monitor. No other correctives action is recommended at this time. Please specify the component make and model with your next sample. Machinia Age hrs Cilent Info 12951				N 4 - 411	Line it / Allere	<u> </u>	I Basan M	11:-40
The oil change at the time of sampling has been noted. Confirm the source of the burisdant being utilized for top-upfill. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the component make and model with your next sample. Visit Changed File F			UOIVI		LIMIT/ADN		,	
Machine Age Installation 12951		•						
Contaminate and model with your next sample. City Ci	source of the lubricant being utilized for top-up/fill. Resample at the		hre					
Filter Age hrs Client Info Changed C		J						
Coll Changed Cilent Info Changed Cilent Info Changed C								
Filter Changed Sample Status Client Info ATTENTION	model with your next sample.	•	1113					
Name								
Iron		•		Oliciit iiilo		•		
All component wear rates are normal.								
Nicke	WEAR		ppm					
Note Spit	All component wear rates are normal		ppm	ASTM D5185m	>20			
Silver	All component wear rates are normal.		ppm		>4			
Aluminum ppm ASTM D5185m >20 2			ppm			-		
Lead ppm ASTM D5185m >40 <1 Copper ppm ASTM D5185m >330 2 Tin ppm ASTM D5185m >330 2 Vanadium ppm ASTM D5185m NONE NONE Vanadium ppm ASTM D5185m NONE NONE Vanadium ppm ASTM D5185m NONE NONE Valued None								
Copper		Aluminum	ppm					
Tin		Lead	ppm		-			
Vanadium ppm ASTM D5185m NONE NONE			ppm					
White Metal Scalar "Visual NONE N		Tin	ppm		>15	-		
Silicon Ppm ASTM D5185m >25 4			ppm	ASTM D5185m		-		
Silicon			scalar	*Visual		NONE		
Potassium ppm ASTM D5185m >20 <1		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 <1	CONTAMINATION	Silicon	nnm	ACTM DE105m	> 25	1		
Light fuel dilution occurring. No other contaminants were detected in the oil. Fuel % ASTM D3524 >5 MEG M	CONTAINMATION		• • • • • • • • • • • • • • • • • • • •					
Water WC Method So.2 NEG So.5 NE	· ·							
Glycol			70					
Soot %					<i>></i> 0.2			
Nitration		,	0/2		\3			
Sulfation Abs/.fmm *ASTM D7415 >30 19.6								
Silt scalar *Visual NONE Debris scalar *Visual NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML								
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML N								
Sand/Dirt Scalar *Visual NONE NONE Appearance Scalar *Visual NORML								
Appearance								
Codor Scalar *Visual NORML NORML Fmulsified Water Scalar *Visual >0.2 NEG								
Emulsified Water scalar *Visual >0.2 NEG						NORML		
Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Sodium ppm ASTM D5185m 13 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 61 Manganese ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 1052 Calcium ppm ASTM D5185m 1281 Phosphorus ppm ASTM D5185m 50 1052 Calcium ppm ASTM D5185m 50 1131 Calcium ppm ASTM D5185m 50 11447 Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1		Emulsified Water	scalar	*Visual	>0.2			
Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Boron ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 61 Magnesium ppm ASTM D5185m 1052 Calcium ppm ASTM D5185m 1052 Phosphorus ppm ASTM D5185m 1281 Phosphorus ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Sulfur ppm ASTM D5185m 3000 4142 Sulfur ppm ASTM D5185m 3000 4142 Base Number (BN) mg KOH/g ASTM D2896 10 10.1								
Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Barium ppm ASTM D5185m 61 Molybdenum ppm ASTM D5185m 61 Magnesium ppm ASTM D5185m 1052 Calcium ppm ASTM D5185m 1281 Phosphorus ppm ASTM D5185m 1281 Zinc ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Sulfur ppm ASTM D5185m 3000 4142 Sulfur ppm ASTM D5185m 3000 4142 Base Number (BN) mg KOH/g ASTM D2896 10 10.1	FLUID CONDITION		ppm					
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Molybdenum ppm ASTM D5185m 61	Additive levels indicate the addition of a different brand, or type of oil		ppm					
oil. The condition of the oil is suitable for further service. Molybdenum ppm ASTM D5185m <1	The BN result indicates that there is suitable alkalinity remaining in the		• • • • • • • • • • • • • • • • • • • •					
Magnesium ppm ASTM D5185m 1052 Calcium ppm ASTM D5185m 1281 Phosphorus ppm ASTM D5185m 760 1131 Zinc ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1		•						
Calcium ppm ASTM D5185m 1281 Phosphorus ppm ASTM D5185m 760 1131 Zinc ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1		_						
Phosphorus ppm ASTM D5185m 760 1131 Zinc ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1		•						
Zinc ppm ASTM D5185m 800 1447 Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1					=06			
Sulfur ppm ASTM D5185m 3000 4142 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1								
Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 10 10.1						_		
Base Number (BN) mg KOH/g ASTM D2896 10 10.1								
VISC @ 100°C CST ASIM D445 14.6 12.3								
		visc @ 100°C	cSt	ASTM D445	14.6	12.3		







Certificate L2367

Laboratory Sample No.

: WC0913848 Lab Number : 06193365

Unique Number: 11050117 Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 28 May 2024 : 31 May 2024 Diagnosed

: 31 May 2024 - Wes Davis

198 PARK PLAZA DRIVE WINSTON SALEM, NC US 27105 Contact: Audrey Hopkins

Audrey.Hopkins@salemcorp.com T: (336)767-9642

SALEM NATIONALEASE CORPORATION

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)

F: x: