



WEAR CONTAMINATION **FLUID CONDITION**

NORMAL NORMAL NORMAL

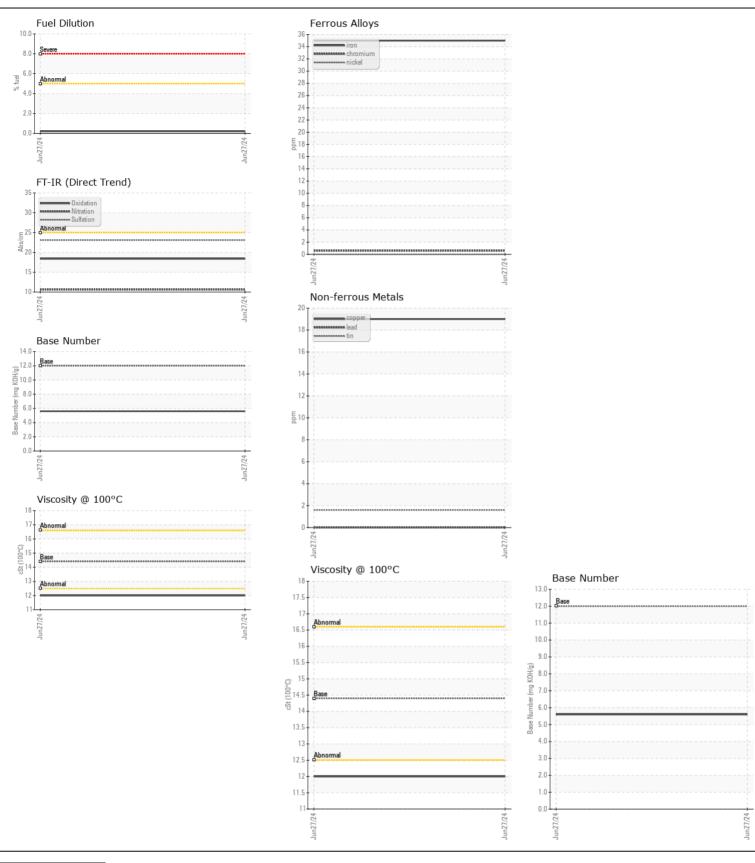
[45177267]

PACCAR 9571944

Diesel Engine

MOBIL DELVAC MX 15W40 (--- QTS)

Test	WODIL DELYAO WA 131140 (Q10)							
No corrective action is recommended at this time. Resample at the next service interval to monitor. Sample Date Client Info 37721	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. Resample at the next service interval to monitor.	No corrective action is recommended at this time. Resample at the	Sample Number		Client Info		RPL0016527		
Medahine Ago mils						27 Jun 2024		
Filter Age			mls	Client Info		31781		
Filter Age		J	mls					
Filter Changed Sample Status			mls			31781		
Filter Changed Sample Status		•				Changed		
Metal levels are typical for a components first oil change. Iron ppm ASTM DSIS\$\$\$ > 20								
Iron						_		
Chromium Dom ASTMD585m S20 <1								
Mickel ppm ASTM 05185 34 0	WEAR	Iron	ppm	ASTM D5185m	>100	35		
Nicket Spill Titanium Spill Silver S	Metal levels are typical for a components first oil change.	Chromium	ppm	ASTM D5185m	>20	<1		
Silver		Nickel	ppm	ASTM D5185m	>4	0		
Aluminum ppm ASTM D6185m >20 25		Titanium	ppm	ASTM D5185m		<1		
Lead ppm ASTM D5185m 3-40 0		Silver	ppm	ASTM D5185m	>3	<1		
Copper		Aluminum	ppm	ASTM D5185m	>20	25		
Tin		Lead	ppm	ASTM D5185m	>40	0		
Vanadium		Copper	ppm	ASTM D5185m	>330	19		
White Metal Yellow Metal Scalar *Visual NONE NONE NONE NONE Yellow Metal Scalar *Visual NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NO		Tin	ppm	ASTM D5185m	>15	2		
Vellow Metal Scalar Visual NONE NONE CONTAMINATION Fuel content negligible. Elevated aluminum (Al) 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. Silt with the oil. Sold with the oil with th		Vanadium	ppm	ASTM D5185m		0		
Silicon ppm ASTM D5185m >25 19		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m 20 75		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m 20 75								
Fuel ontent negligible. Elevated aluminum (Al) 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. Neg	CONTAMINATION		ppm					
Pote	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					75		
South Sout		Fuel	%					
the oil. Soot %					>0.2			
Nitration Abs/cm *ASTM D7624 >20 10.6		Glycol						
Sulfation Abs/.lmm "ASTM D7415 >30 23.1 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML N		Soot %	%	*ASTM D7844	>3	0.2		
Silt scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORML								
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML NORML			Abs/.1mm					
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML NORM				*Visual				
Appearance				*Visual	NONE			
Odor Scalar *Visual NORML NORML NORML Scalar *Visual NORML NOR		Sand/Dirt		*Visual				
Emulsified Water scalar *Visual >0.2 NEG		• •						
Sodium ppm ASTM D5185m ppm p				*Visual	NORML			
Boron ppm ASTM D5185m 19		Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 19	ELUID CONDITION	Codium	nnm	ACTM DE10Em				
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 7 Manganese ppm ASTM D5185m 3 Magnesium ppm ASTM D5185m 711 Calcium ppm ASTM D5185m 1397 Phosphorus ppm ASTM D5185m 722 Zinc ppm ASTM D5185m 845 Sulfur ppm ASTM D5185m 3170 Oxidation Abs/.1mm *ASTM D7414 >25 18.4 Base Number (BN) mg KOH/g ASTM D2896 12 5.6	PLUID CONDITION							
oil. The condition of the oil is suitable for further service. Molybdenum ppm ASTM D5185m 7 Magnesium ppm ASTM D5185m 7 Magnesium ppm ASTM D5185m 711 Calcium ppm ASTM D5185m 1397 Phosphorus ppm ASTM D5185m 722 Zinc ppm ASTM D5185m 845 Sulfur ppm ASTM D5185m 3170 Oxidation Abs/.1mm *ASTM D7414 >25 18.4 Base Number (BN) mg KOH/g ASTM D2896 12 5.6	, ,							
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Base Number (BN) mg KOH/g					05			
VISC @ 100°C CSt ASIM D445 14.4 12.0								
		visc @ 100°C	cSt	ASTM D445	14.4	12.0		





Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06238799

: RPL0016527

Tested Unique Number : 11127633 Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

Received Diagnosed

: 17 Jul 2024 : 18 Jul 2024

: 18 Jul 2024 - Wes Davis

RTL PACLEASE - 7002 - San Antonio 8810 IH-10 Frontage Road Converse, TX US 78109

> Contact: Mike Friel FrielM@RushEnterprises.Com T: (210)901-7283

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)

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