

## Machine Id SIGNET VICTORY Component Port Steering Fluid CHEVRON GEAR COMPOUND EP 150 (30 GAL)

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We recommend you service the filters on this component if applicable. We were unable to perform a particle count due to a high concentration of particles present in this sample.

## WEAR

An increase in the iron level is noted. All other component wear rates are normal.

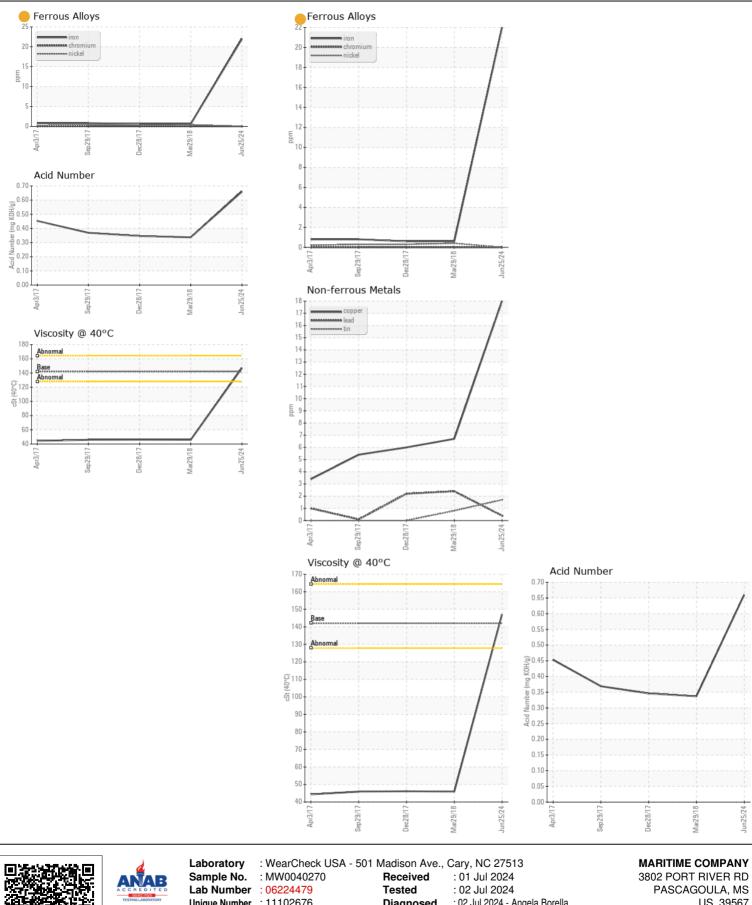
## CONTAMINATION

Moderate concentration of visible dirt/debris present in the fluid.

## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is acceptable for the time in service.

Test         Ool M         Metrical         Lining all         Metrical         Lining all         Metrical         S50 (0)         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q         Q <thq< th=""> <thq< th=""><th>Test</th><th>UOM</th><th>Method</th><th>Limit/Abn</th><th>Current</th><th>History1</th><th>History2</th></thq<></thq<>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date         Client Info         25 Jun 2024         29 Mar 2018         28 Dec 2017           Machine 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         hrs         Client Info         N/A         N/A         N/A           Sample Status         Client Info         N/A         N/A         N/A         N/A           Iron         ppm         ASTM 05185m         5.0         22         <1         <1           Chromium         ppm         ASTM 05185m         5.0         0         0         0           Nickel         ppm         ASTM 05185m         5.5         <1         0         0         0           Lead         ppm         ASTM 05185m         5.5         <1         0         0         0           Vanadium         ppm         ASTM 05185m         5.5         2         <1         0         0           Vanadium         ppm         ASTM 05185m         5.0         18         7         0         0		UOIVI		LIIIII/ADII		,	,
Machine Age Oil Age         hrs         Client Info         0         0         0           Filter Age Oil Changed         Client Info         N/A         N/A         N/A           Filter Changed         Client Info         N/A         N/A         N/A           Filter Changed         Client Info         N/A         N/A         N/A           Sample Status         Client Info         N/A         N/A         N/A           Iron         ppm         ASTM D5185m<>50         22         <1         <1           Chromium         ppm         ASTM D5185m<         55         0         0         0           Nickel         ppm         ASTM D5185m         55         <1         0         0           Silver         ppm         ASTM D5185m         55         <1         0         0           Lead         ppm         ASTM D5185m         55         18         7         6           Tin         ppm         ASTM D5185m         55         1         0         0           Vehite Metal         scalar         *Visual         NONE         NONE         NONE         NONE           Veltow Metal         scalar         *Visual         NONE							
Oil AgehrsClient Info000Filter AgeInrsClient InfoN/AN/AN/AOil ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/ANORMALNORMALIronppmASTM D5185m>5022<1<1ChromiumppmASTM D5185m>50000NickelppmASTM D5185m>500<00NickelppmASTM D5185m>500<00AluminumppmASTM D5185m>501876AluminumppmASTM D5185m>501876AgeppmASTM D5185m>501876VanadiumppmASTM D5185m>501876VanadiumppmASTM D5185m>501876VanadiumppmASTM D5185m>1<1<11PotassiumppmASTM D5185m>20214WaterWC Method>02NONENONENONENONEParticles >4µmASTM D5185m>501<122022Particles >4µmASTM D7647>207202082Particles >4µmASTM D7647>2059Particles >4µmASTM D7647>201010CleaninessISO 406(c)18/161 <td< th=""><th></th><th>bro</th><th></th><th></th><th></th><th></th><th></th></td<>		bro					
Filter Age OI         hrs         Client Info         O         O         O           OI         Client Info         N/A         N/A         N/A         N/A           Filter Changed         Client Info         N/A         N/A         N/A         N/A           Sample Status	0	-			-	•	
Oil Changed         Client Info         N/A         N/A         N/A         N/A           Filter Changed         Client Info         N/A         N/A         N/A         N/A           Sample Status         Client Info         N/A         N/A         N/A         N/A           Iron         ppm         ASTM D5185m         >50         22         <1         <1           Chromium         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         >50         0         0         0           Silver         ppm         ASTM D5185m         >50         1         22         2           Copper         ppm         ASTM D5185m         >10         <1         22         2           Copper         ppm         ASTM D5185m         >50         18         7         6           Tin         ppm         ASTM D5185m         >50         18         7         6           Vanaduum         ppm         ASTM D5185m         >50         1         <1         <1           Vellow Metal         scalar         Visual         NONE         NONE         NONE	•				-	-	
Filter Changed         Client Info         N/A         N/A         N/A         N/A           Sample Status         STM D5185m         >50         22         <1         <1           Iron         ppm         ASTM D5185m         >15         0         0         0           Nickel         ppm         ASTM D5185m         5         0         <1         <1           Titanium         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         50         0         <1         2         2           Copper         ppm         ASTM D5185m         >50         18         7         6         0         0           Vanadium         ppm         ASTM D5185m         >50         18         7         6         0         0         0           Vanadium         ppm         ASTM D5185m         >50         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <th>Ū.</th> <th>1115</th> <th></th> <th></th> <th>-</th> <th>•</th> <th></th>	Ū.	1115			-	•	
Sample Status         ABNORMAL         NORMAL         NORMAL           Iron         ppm         ASTM D5185m         >50         22         <1         <1           Chromium         ppm         ASTM D5185m         >50         0         <1         <1           Nickel         ppm         ASTM D5185m         >50         0         <1         <1           Titanium         ppm         ASTM D5185m         >50         0         0         0           Aluminum         ppm         ASTM D5185m         >50         <1         0         0           Lead         ppm         ASTM D5185m         >50         18         7         6           Tin         ppm         ASTM D5185m         >50         18         7         6           Vanadium         ppm         ASTM D5185m         >50         0         0         0           Vanadium         ppm         ASTM D5185m         >50         18         7         6           Tin         ppm         ASTM D5185m         >50         1         <1         <1         <1           Vanadium         ppm         ASTM D5185m         >20         -         7         20							
Iron         ppm         ASTM D5185m         >50         22         <1	-		Client Inio				
Chromium         ppm         ASTM D5185m         >10         0         0           Nickel         ppm         ASTM D5185m         0         <1         <1           Titanium         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         55         <1         0         0         0           Aluminum         ppm         ASTM D5185m         >50         18         7         6         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <th></th> <th></th> <th></th> <th></th> <th></th> <th>NORIVIAL</th> <th>NORIVIAL</th>						NORIVIAL	NORIVIAL
Nickel         ppm         ASTM D5185m         >5         0         <1	Iron	ppm	ASTM D5185m	>50	22	<1	<1
Nickel         ppm         ASTM D5185m         >5         0         <1	Chromium		ASTM D5185m	>15	0	0	0
Titanium         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         >5         <1         0         0           Aluminum         ppm         ASTM D5185m         >50         <1         0         0           Lead         ppm         ASTM D5185m         >50         18         7         6           Copper         ppm         ASTM D5185m         >50         18         7         0           Vanadium         ppm         ASTM D5185m         >50         18         7         6           Vanadium         ppm         ASTM D5185m         >10         0         0         0           Vanadium         ppm         ASTM D5185m         >10         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1         <1<         <1<         <1<         <1<         <1<         <1<         <1<         <1<	Nickel		ASTM D5185m	>5	0	<1	<1
Aluminum         ppm         ASTM D5185m         >5         <1	Titanium		ASTM D5185m		0	0	0
Lead         ppm         ASTM D5185m         >10         <1	Silver	ppm	ASTM D5185m		0	0	0
Lead         ppm         ASTM D5185m         >10         <1	Aluminum		ASTM D5185m	>5	<1	0	0
Copper         ppm         ASTM D5185m         >50         18         7         6           Tin         ppm         ASTM D5185m         >5         2         <1         0           Vanadium         ppm         ASTM D5185m         >5         2         <1         0           White Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m<>15         1         <1         <1         <1         <1           Potassium         ppm         ASTM D5185m<>20         2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >200          720         2082           Particles >5µm         ASTM D7647         >80          15         33           Particles >4µm         ASTM D7647         >80          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          0         1           Oil Cleanlines         scalar         *V	Lead		ASTM D5185m	>10	<1	2	2
Vanadium         ppm         ASTM D5185m         0         0         0         0           White Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m<>15         1         <1         <1         4           Potassium         ppm         ASTM D5185m<>20         2         1         4           Water         WC Method         >0.2         NEG         NEG         NEG           Particles >6µm         ASTM D7647         >640          125         469           Particles >6µm         ASTM D7647         >80          15         33           Particles >6µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE	Copper		ASTM D5185m	>50	18	7	6
Vanadium         ppm         ASTM D5185m         0         0         0         0           White Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m         >15         1         <1         <1         <1           Potassium         ppm         ASTM D5185m         >20         2         1         4           Water         WC Method         >0.2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >200          720         2082           Particles >6µm         ASTM D7647         >80          125         469           Particles >38µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/1613          17/14/11         18/16/12           Silt         scalar         *Visual         NONE	Tin	ppm	ASTM D5185m	>5	2	<1	0
Yellow Metal         scalar         'Visual         NONE         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m         >10         <1         <1         <1           Potassium         ppm         ASTM D5185m         >20         2         1         4           Water         WC Method         >0.2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >2500          720         2082           Particles >6µm         ASTM D7647         >640          125         469           Particles >1µm         ASTM D7647         >80          15         33           Particles >38µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         Scalar         'Visual         NONE         NONE         NONE         NONE           Silt         scalar         'Visual         NONE         NONE         NONE         NONE         NONE           Appearance         scalar         'Visual         NORH         NORH         NORH	Vanadium	ppm	ASTM D5185m		0	0	0
Silicon         ppm         ASTM D5185m         >15         1         <1	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Potassium         ppm         ASTM D5185m         >20         2         1         4           Water         WC Method         >0.2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >2500          720         2082           Particles >6µm         ASTM D7647         >640          125         469           Particles >14µm         ASTM D7647         >20          5         9           Particles >21µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >4          00         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          00         1           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Agpearance         scalar         *Visual         NORML         NORML         NORML         NORML           Doron         ppm         ASTM D5185m         0         0         0         0	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Potassium         ppm         ASTM D5185m         >20         2         1         4           Water         WC Method         >0.2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >2500          720         2082           Particles >6µm         ASTM D7647         >640          125         469           Particles >14µm         ASTM D7647         >20          5         9           Particles >21µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >4          00         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          00         1           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Agpearance         scalar         *Visual         NORML         NORML         NORML         NORML           Doron         ppm         ASTM D5185m         0         0         0         0							
Water         WC Method         >0.2         NEG         NEG         NEG           Particles >4µm         ASTM D7647         >2500          720         2082           Particles >6µm         ASTM D7647         >640          125         469           Particles >6µm         ASTM D7647         >80          15         33           Particles >14µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >20          0         1           Particles >38µm         ASTM D7647         >3          00         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          00         1           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         NORML         NORML         NORML         NORML           Adpearance         scalar         *Visual         NORM         NORML         NORML         NORML           Ddor         scalar         *Visual         NOR         NOR         NOR         NOR							
Particles >4μm         ASTM D7647         >2500          720         2082           Particles >6μm         ASTM D7647         >640          125         469           Particles >14μm         ASTM D7647         >80          15         33           Particles >21μm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         MODER         NONE         NONE           Appearance         scalar         *Visual         NORL         NORML         NORML         NORML         NORML           Addr         scalar         *Visual         NORML         NORML         NORML         NORML           Addr         scalar         *Visual         NORML         NORM		ppm			_		
Particles >6µm         ASTM D7647         >640          125         469           Particles >14µm         ASTM D7647         >80          15         33           Particles >21µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >20          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         NONE         NONE         NONE           Sand/Dirt         scalar         *Visual         NOR         NORML         NORML         NORML         NORML           Appearance         scalar         *Visual         NORM         NORML         NORML         NORML           Emulsified Water         scalar         *Visual         NORM         NORML         NORML         NORML           Baron         ppm         ASTM D5185m         0         <							
Particles >14µm         ASTM D7647         >80          15         33           Particles >21µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >4          0         2           Particles >38µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Sand/Dirt         scalar         *Visual         NOR         NORML         NORML         NORML         NORML           Appearance         scalar         *Visual         NORM         NORML         NORML         NORML           Odor         scalar         *Visual         NOR         NORML         NORML         NORML           Barium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
Particles >21µm         ASTM D7647         >20          5         9           Particles >38µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         MODER         NONE         NONE           Sand/Dirt         scalar         *Visual         NOR         NORML         NORE         NORML         NORML           Appearance         scalar         *Visual         NORM         NORML         NORML         NORML           Odor         scalar         *Visual         NORM         NORML         NORML         NORML           Emulsified Water         scalar         *Visual         >0.2         NEG         NEG         NEG           Sodium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m	· · ·						
Particles >38µm         ASTM D7647         >4          0         2           Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         MODER         NONE         NONE         NONE           Sand/Dirt         scalar         *Visual         NONE         NONE         NONE         NONE         NONE           Appearance         scalar         *Visual         NORML         NORML <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Particles >71µm         ASTM D7647         >3          0         1           Oil Cleanliness         ISO 4406 (c)         >18/16/13          17/14/11         18/16/12           Silt         scalar         *Visual         NONE         NONE         NONE         NONE           Debris         scalar         *Visual         NONE         MODER         NONE         NONE           Sand/Dirt         scalar         *Visual         NONE         MONE         NONE         NONE           Appearance         scalar         *Visual         NORML         NORML         NORML         NORML         NORML           Odor         scalar         *Visual         NORML         NORML         NORML         NORML         NORML           Odor         scalar         *Visual         NORML         NORML         NORML         NORML         NORML           Godor         scalar         *Visual         >0.2         NEG         NEG         NEG         NEG           Sodium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0							
Oil CleanlinessISO 4406 (c) >18/16/1317/14/1118/16/12Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m202<1BariumppmASTM D5185m000MagnesiumppmASTM D5185m000MagnesiumppmASTM D5185m61211PhosphorusppmASTM D5185m220315329ZincppmASTM D5185m27362368SulfurppmASTM D5185m106871068960Acid Number (AN)mg KOHgASTM D5045m0.6660.3370.346							
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORMLNORMLBoronppmASTM D5185m202<1BariumppmASTM D5185m000MolybdenumppmASTM D5185m000MagnesiumppmASTM D5185m61211PhosphorusppmASTM D5185m220315329ZincppmASTM D5185m27362368SulfurppmASTM D5185m106871068960Acid Number (AN)mg KOHgASTM D50450.660.3370.346							
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Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGSodiumppmASTM D5185m202<1BoronppmASTM D5185m000MolybdenumppmASTM D5185m000MagnesiumppmASTM D5185m<1<1PhosphorusppmASTM D5185m000CalciumppmASTM D5185m61211PhosphorusppmASTM D5185m27362368SulfurppmASTM D5185m27362368SulfurppmASTM D5185m00.660.3370.346					-		
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Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGSodiumppmASTM D5185m202<1BoronppmASTM D5185m000MolybdenumppmASTM D5185m000MolybdenumppmASTM D5185m000MagnesiumppmASTM D5185m<1<1PhosphorusppmASTM D5185m61211PhosphorusppmASTM D5185m220315329ZincppmASTM D5185m27362368SulfurppmASTM D5185m106871068960Acid Number (AN)mg KOHlgASTM D80450.660.3370.346							
Emulsified Water         scalar         *Visual         >0.2         NEG         NEG         NEG           Sodium         ppm         ASTM D5185m         20         2         <1           Boron         ppm         ASTM D5185m         8         <1         <1           Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0           Magnesium         ppm         ASTM D5185m         <1         <1         0           Magnesium         ppm         ASTM D5185m         6         12         11           Phosphorus         ppm         ASTM D5185m         220         315         329           Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOHlg         ASTM D8045         0.666         0.337         0.346					-		
Sodium         ppm         ASTM D5185m         20         2         <1							
Boron         ppm         ASTM D5185m         8         <1		Journa	, iouu	- U.L			
Boron         ppm         ASTM D5185m         8         <1	Sodium	ppm	ASTM D5185m		20	2	<1
Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <1         <1         0           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         6         12         11           Phosphorus         ppm         ASTM D5185m         220         315         329           Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Boron		ASTM D5185m		8	<1	<1
Manganese         ppm         ASTM D5185m         <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         6         12         11           Phosphorus         ppm         ASTM D5185m         220         315         329           Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium         ppm         ASTM D5185m         6         12         11           Phosphorus         ppm         ASTM D5185m         220         315         329           Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Manganese	ppm	ASTM D5185m			<1	0
Phosphorus         ppm         ASTM D5185m         220         315         329           Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Magnesium	ppm	ASTM D5185m		0	0	0
Zinc         ppm         ASTM D5185m         27         362         368           Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Calcium	ppm	ASTM D5185m		6	12	11
Sulfur         ppm         ASTM D5185m         10687         1068         960           Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346	Phosphorus	ppm	ASTM D5185m		220	315	329
Acid Number (AN)         mg KOH/g         ASTM D8045         0.66         0.337         0.346		ppm	ASTM D5185m		27	362	
	Sulfur	ppm	ASTM D5185m		10687	1068	
Visc @ 40°C cSt ASTM D445 142 147 45.9 46.1		mg KOH/g	ASTM D8045		0.66	0.337	0.346
	Visc @ 40°C	cSt	ASTM D445	142	147	45.9	46.1



 Unique Number
 : 11102676
 Diagnosed
 : 02 Jul 2024 - Angela Borella
 US 39567

 Certificate L2367
 Test Package
 : MAR 2 ( Additional Tests: PrtCount )
 Contact: TERRY SCUDDER

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 terry.scudder@signetmaritime.com

 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 T:

 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)
 F: (228)769-0629