

## **OIL ANALYSIS REPORT**

Sample Rating Trend





Component Diesel Engine Fluid

## PETRO CANADA DURON SHP 15W40 (--- GAL)

### DIAGNOSIS Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

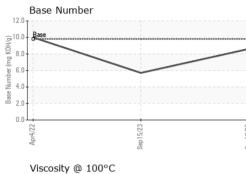
### Fluid Condition

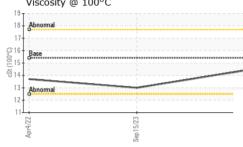
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0085007	GFL0084902	GFL0018514
Sample Date		Client Info		18 Sep 2023	15 Sep 2023	04 Apr 2022
Machine Age	mls	Client Info		334448	332041	280830
Oil Age	mls	Client Info		334448	332041	0
Oil Changed		Client Info		N/A	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		17	9	9
Chromium	ppm	ASTM D5185m		1	<1	<1
Nickel	ppm	ASTM D5185m	>5	، <1	0	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>2	۰ <1	0	<1
Aluminum	ppm	ASTM D5185m		10	4	2
Lead	ppm	ASTM D5185m	>40	0	3	<1
Copper		ASTM D5185m		2	1	<1
Tin	ppm	ASTM D5185m	>330	2 <1	<1	<1
Vanadium	ppm	ASTM D5185m	>10	0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
	ppm			0	-	-
						history2
ADDITIVES		method	IIIIII/Dase	current	history1	TIIStoryz
Boron	ppm	ASTM D5185m	0	<b>4</b>	2	12
	ppm ppm			4 0		
Boron		ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60	4 0 65	2 0 62	12 0 62
Boron Barium Molybdenum Manganese	ppm	ASTM D5185m ASTM D5185m	0 0 60	4 0 65 <1	2 0	12 0 62 <1
Boron Barium Molybdenum Manganese Magnesium	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010	4 0 65	2 0 62 <1 915	12 0 62 <1 1025
Boron Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0	4 0 65 <1	2 0 62 <1	12 0 62 <1
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010	4 0 65 <1 1007	2 0 62 <1 915	12 0 62 <1 1025 1264 1245
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010 1070	4 0 65 <1 1007 1200	2 0 62 <1 915 1077	12 0 62 <1 1025 1264
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010 1070 1150	4 0 65 <1 1007 1200 1104	2 0 62 <1 915 1077 1008	12 0 62 <1 1025 1264 1245
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010 1070 1150 1270	4 0 65 <1 1007 1200 1104 1388	2 0 62 <1 915 1077 1008 1229	12 0 62 <1 1025 1264 1245 1359
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 1010 1070 1150 1270 2060 limit/base	4 0 65 <1 1007 1200 1104 1388 3826	2 0 62 <1 915 1077 1008 1229 2787	12 0 62 <1 1025 1264 1245 1359 2996
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 1010 1070 1150 1270 2060 limit/base	4 0 65 <1 1007 1200 1104 1388 3826 current	2 0 62 <1 915 1077 1008 1229 2787 history1	12 0 62 <1 1025 1264 1245 1359 2996 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m <b>method</b>	0 0 60 0 1010 1070 1150 1270 2060 limit/base >25	4 0 65 <1 1007 1200 1104 1388 3826 <u>current</u> 6	2 0 62 <1 915 1077 1008 1229 2787 history1 8	12 0 62 <1 1025 1264 1245 1359 2996 history2 8
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 60 0 1010 1070 1150 1270 2060 limit/base >25	4 0 65 <1 1007 1200 1104 1388 3826 <u>current</u> 6 19	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m	0 0 60 0 1010 1070 1150 1270 2060 limit/base >25	4 0 65 <1 1007 1200 1104 1388 3826 current 6 19 5	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1 0
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m	0 0 0 1010 1070 1150 1270 2060 limit/base >25 >20 limit/base	4 0 65 <1 1007 1200 1104 1388 3826 <u>current</u> 6 19 5 <u>current</u> 0.9	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2 2 history1 0.3	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1 0 history2 0.1
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m	0 0 0 1010 1070 1150 1270 2060 limit/base >25 >20 limit/base	4 0 65 <1 1007 1200 1104 1388 3826 current 6 19 5 5 current	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2 2 history1	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1 0 0 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m	0 0 0 1010 1070 1150 1270 2060 limit/base >25 .25 .20 limit/base	4 0 65 <1 1007 1200 1104 1388 3826 <u>current</u> 6 19 5 <u>current</u> 0.9 8.3	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2 2 history1 0.3 8.9	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1 0 history2 0.1 7.3
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624	0 0 0 1010 1070 1150 1270 2060 imit/base >25 imit/base >20 imit/base >4 >20 >30	4 0 65 <1 1007 1200 1104 1388 3826 current 6 19 5 current 0.9 8.3 19.8 current	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2 history1 0.3 8.9 21.3 history1	12 0 62 <1 1025 1264 1245 1359 2996 history2 8 1 0 history2 0.1 7.3 19.2 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m	0 0 0 1010 1070 1150 1270 2060 imit/base >25 imit/base >4 >20 imit/base >30	4 0 65 <1 1007 1200 1104 1388 3826 <u>current</u> 6 19 5 <u>current</u> 0.9 8.3 19.8	2 0 62 <1 915 1077 1008 1229 2787 history1 8 5 2 2 history1 0.3 8.9 21.3	12 0 62 <1 1025 1264 1245 1359 2996 <b>history2</b> 8 1 0 <b>history2</b> 0.1 7.3 19.2



# **OIL ANALYSIS REPORT**





	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Sep18/23 -	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sep 1	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
	FLUID PROPE	RTIES	method	limit/base	current	history1	history2
	Visc @ 100°C	cSt	ASTM D445	15.4	14.4	13.0	13.7
	GRAPHS						
	Ferrous Alloys						
	18 16			1			
	14 - nickel						
	12-	-					
	E <sup>10</sup>						
	6						
	4						
	2						
		~~~	10000400014000040000040000400004000040				
	Apr4/22	Sep 15/23		Sep 18/23			
				Sep			
	Non-ferrous Meta	ls					
	copper						
	8 - teasenteenee lead						
ŝ							
2	4						
		MANUSCONSCREMENTS & REAL PROPERTY IN COLUMN STATE					
	2-		The second se				
	0 wanter		Party	The second se			
	Apr4/22	5/23 -		8/23			
	Apr4	Sep 15/23		Sep 18/23			
	Viscosity @ 100°C	2			Base Number		
					Base Number		
	19 18Abnormal			12.0	Base Number		
				12.0	Base Number		
-	18 - Abnormal			12.0	Base Number		
	18 - Abnormal			12.0		<u> </u>	
10-0017-450	18 - Abnormal			12.0			
1.2-0017-87	18 - Abnormal			12.0	Base Number	<u> </u>	
1UUU 1.454	18 - Abnormal 17 - Base 15 - Base 14			12.0		<u> </u>	
10-000 P + 890	Abnormal			12.0 10.0 (0)HOX 80.0 10,0 HOX 80.0 10,0 HOX 80.0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,			
1	Abnormal Abnormal Abnormal Base Abnormal Abnormal Abnormal	/23		12.0- 10.0- (%)HOX 8.0- 10.0- (%)HOX 8.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- (%)HOX 8.0- 10.0- (%)HOX 8.0- 10.0- 10.0- (%)HOX 8.0- 10.0- 10.0- (%)HOX 8.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0-1	Base	73	
10-000 J. 97	Abnormal	Sep 15/23 +		12.0- 10.0- (b)HOX BLU Ja quinny 4.0- 2.0- 0.0-	Base Number	Sep 15/23	
	Abnormal			12.0 10.0- (b)/HCX Buu a-group action (b)/HCX Buu a-group action (c)/HCX Buu a-group action (c)/HCX Buu a-group action (c)/HCX Buu a-group action (c)/HCX Buu a-group action (c)/HCX Buu a-group action (c)/HCX Buu (c)/HCX Buu (c)/H	Base		
Laboratory	Abnormal	501 Madis		12.0 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.0- 10.	Base	vironmental - 410	- Michigan We
Laboratory Sample No.	Abnormal Abnormal Base Abnormal Abnormal Comparison Abnormal Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comporison Comparison Comparison Comparison	501 Madis <b>Received</b>	: 22 \$	12.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Base	vironmental - 410	<b>- Michigan We</b> 10 Van Born F
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