

Customer Information

CAN-TRAFFIC SERVICES LTD
51475 RR 231
SHERWOOD PARK
ALBERTA, T8B 1K9
Attention : KEELAN BRERETON
Phone : (780) 236-2123

Equipment Information

Unit # : BT0005
Component : TRANSMISSION
Location :
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant

Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-496
Lab Tracking # : 59PG - 65799

*F47-1
SEP*

FLUID LIFE
EQUIPMENT RELIABILITY SERVICES

Oil Analysis

4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Sample		Wear Metals ppm														Additives ppm							
Sample Number	Sample Date	Aluminum	Iron	Copper	Lead	Tin	Chromium	Nickel	Titanium	Silver	Vanadium	Antimony	Beryllium	Manganese	Cadmium	Calcium	Zinc	Phosphorus	Magnesium	Molybdenum	Boron	Barium	Lithium
03/23-496	2026/03/10	55	63	16	0	1	0	4	0	0	0	0	0	12	0	92	10	197	2	2	61	1	0

Sample Information								Contaminants ppm			Physical Tests				
Sample Date	Oil Mfr.	Oil Brand	Oil Grade	Component Service	Oil Service	Units	Oil Chg	Sodium	Potassium	Silicon	Visc 40°C cSt	Visc 100°C cSt	Visc Index	Water	Glycol %
2026/03/10							Y	3	1	9		5.71		N	NT

Results

2026/03/10 Assuming normal oil service life, tested wear and contamination are within acceptable limits.

Recommendations

2026/03/10 Resample next interval to monitor.

Key: Y - Yes N - Negative P - Positive R - Reportable U - Unacceptable S - Severe I - Insufficient Sample - Data could not be provided NT - Not Triggered ▲ - Updated

Results relate only to the samples tested, all testing is done at the above address unless stated. This is presented in abbreviated format. Additional information is available upon request. The Fluid Life Corporation shall not be liable for any loss of profits, business, damages, or fitness of purpose, related to this oil analysis report and recommendations.

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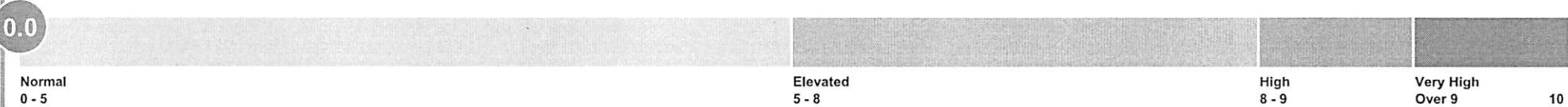
Equipment Information
Unit # : BT0005
Component : TRANSMISSION
Location :
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant
Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-496
Lab Tracking # : 59PG - 65799

FLUID LIFE
EQUIPMENT RELIABILITY SERVICES

Trend Analysis
4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

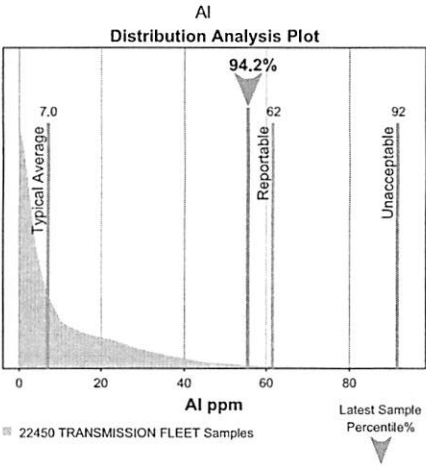
Your Sample Rank



Sample rank ranges from zero to ten. The higher the sample rank, the more abnormal the sample results are.

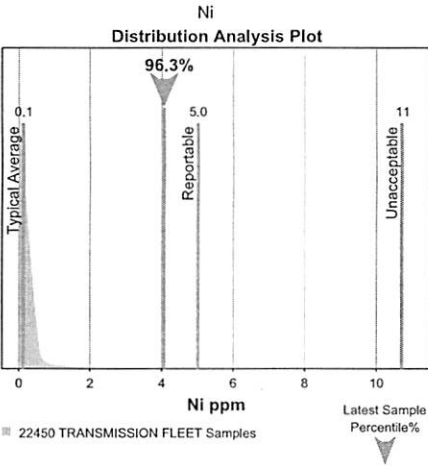
Top Trends Analysis

Al Test Rank 5.6



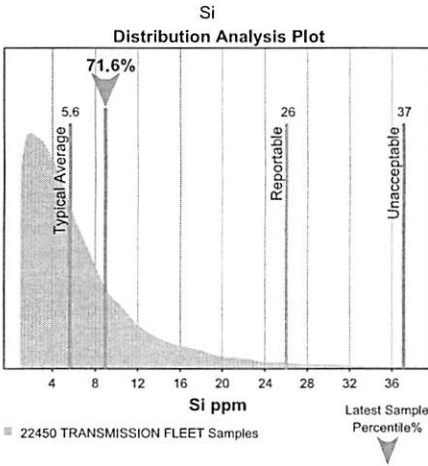
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Ni Test Rank 3.4



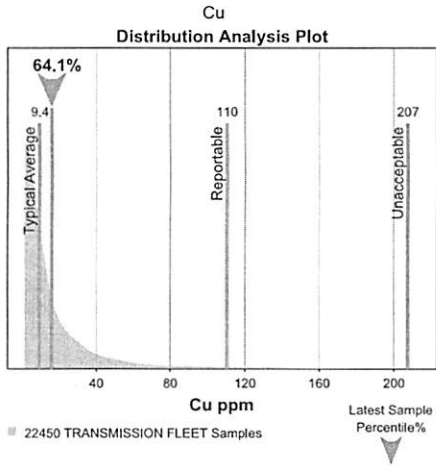
No trend analysis available.

Si Test Rank 2.8



No trend analysis available.

Cu Test Rank 2.0



No trend analysis available.

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Equipment Information

Unit # : BT0005
Component : DIFFERENTIAL
Location : FRONT
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant

Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-497
Lab Tracking # : 59KE - 33738

FLUID LIFE

EQUIPMENT RELIABILITY SERVICES

Oil Analysis

4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Sample		Wear Metals ppm														Additives ppm							
Sample Number	Sample Date	Aluminum	Iron	Copper	Lead	Tin	Chromium	Nickel	Titanium	Silver	Vanadium	Antimony	Beryllium	Manganese	Cadmium	Calcium	Zinc	Phosphorus	Magnesium	Molybdenum	Boron	Barium	Lithium
03/23-497	2026/03/10	3	58	0	0	0	0	3	0	0	0	0	0	1	0	6	17	1150	3	0	151	0	0

Sample Information

Contaminants ppm

Physical Tests

Sample Date	Oil Mfr.	Oil Brand	Oil Grade	Component Service	Oil Service	Units	Oil Chg	Sodium	Potassium	Silicon	Visc 40°C cSt	Visc 100°C cSt	Visc Index	Water
2026/03/10							Y	7	1	46		15.50		N

Results

2026/03/10 Note the flagged element Silicon.

Recommendations

2026/03/10 Silicon in a geared component is likely the result of ingested dirt/dust contaminants. In some cases, Silicon may be from sealant materials. Resample next interval to monitor.

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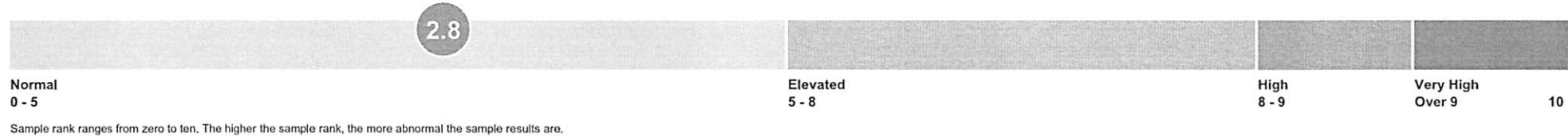
Equipment Information
Unit # : BT0005
Component : DIFFERENTIAL
Location : FRONT
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant
Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-497
Lab Tracking # : 59KE - 33738

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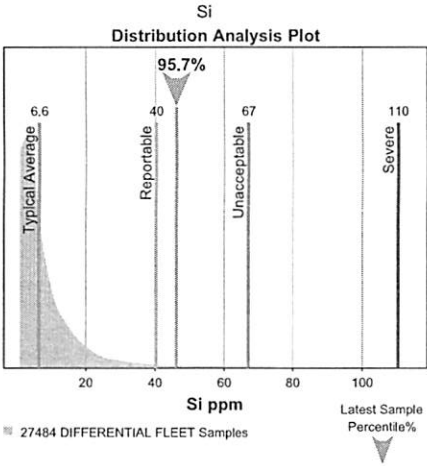
Trend Analysis
4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Your Sample Rank



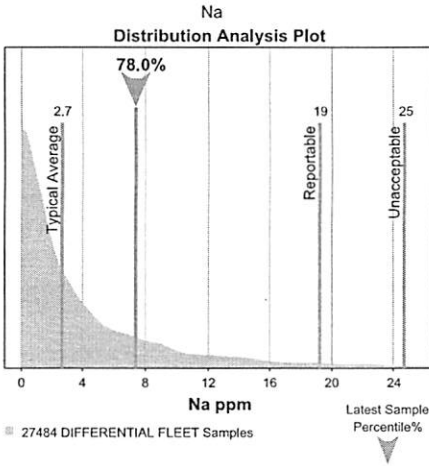
Top Trends Analysis

Si Test Rank 6.3



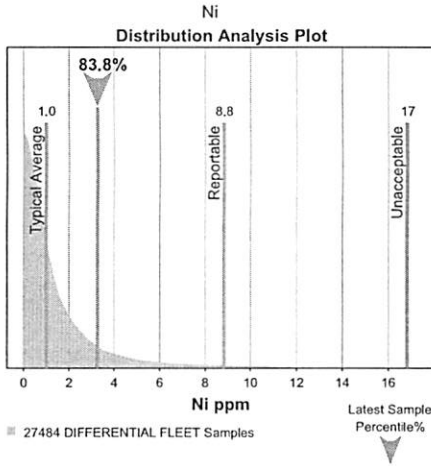
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Na Test Rank 3.5



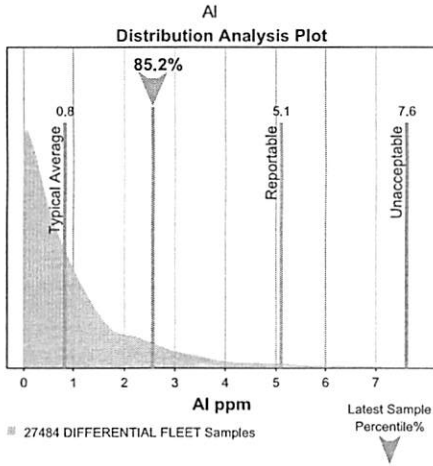
No trend analysis available.

Ni Test Rank 2.0



No trend analysis available.

Al Test Rank 1.6



No trend analysis available.

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Equipment Information

Unit # : BT0005
Component : DIFFERENTIAL
Location : REAR
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant

Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-498
Lab Tracking # : 59YL - 33779



Oil Analysis

4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Sample		Wear Metals														Additives							
Sample Number	Sample Date	ppm														ppm							
		Aluminum	Iron	Copper	Lead	Tin	Chromium	Nickel	Titanium	Silver	Vanadium	Antimony	Beryllium	Manganese	Cadmium	Calcium	Zinc	Phosphorus	Magnesium	Molybdenum	Boron	Barium	Lithium
03/23-498	2026/03/10	2	462	0	0	0	2	5	0	0	0	2	0	5	0	39	35	560	8	1	56	0	5

Sample Information

Sample Date	Oil Mfr.	Oil Brand	Oil Grade	Component Service	Oil Service	Units	Oil Chg	Contaminants			Physical Tests			
								Sodium	Potassium	Silicon	Visc 40°C cSt	Visc 100°C cSt	Visc Index	Water
2026/03/10							Y	4	4	22		21.20		N

Results

2026/03/10 Note the flagged element Iron.

Recommendations

2026/03/10 Iron can be found in gears, shafts, bearings, and casting. Resample next interval to monitor.

Key: Y - Yes N - Negative P - Positive R - Reportable U - Unacceptable S - Severe I - Insufficient Sample - Data could not be provided NT - Not Triggered - Updated

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Equipment Information

Unit # : BT0005
Component : DIFFERENTIAL
Location : REAR
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

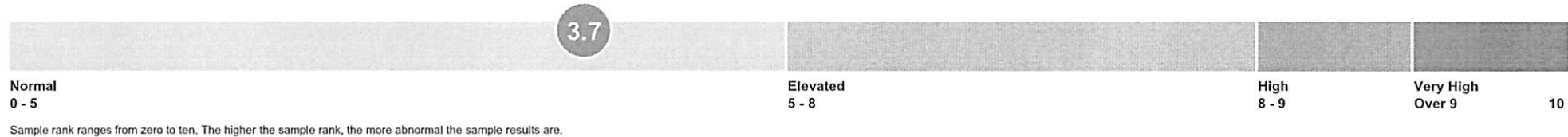
Lubricant

Manufacturer :
Brand :
Grade :
Sample # : 2026/03/23-498
Lab Tracking # : 59YL - 33779

Trend Analysis

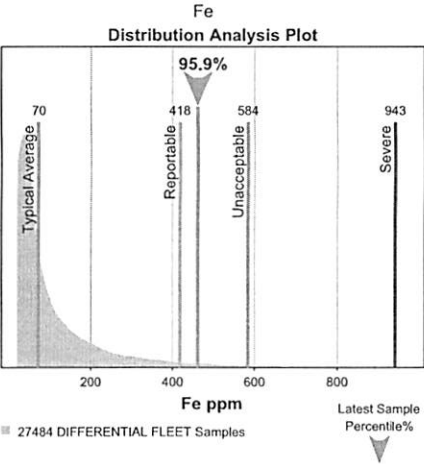
4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Your Sample Rank



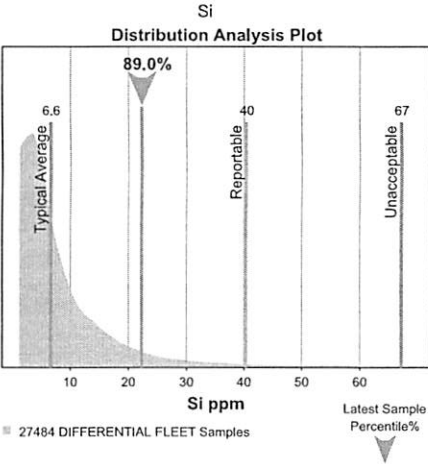
Top Trends Analysis

Fe Test Rank 6.3



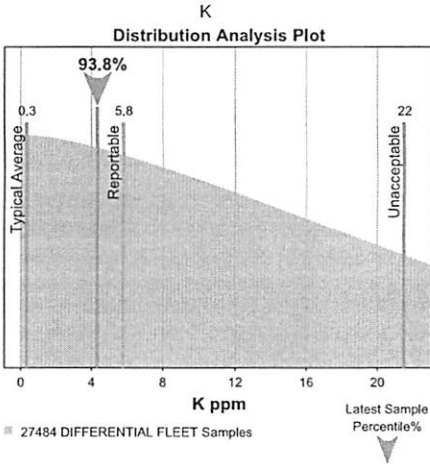
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Si Test Rank 4.9



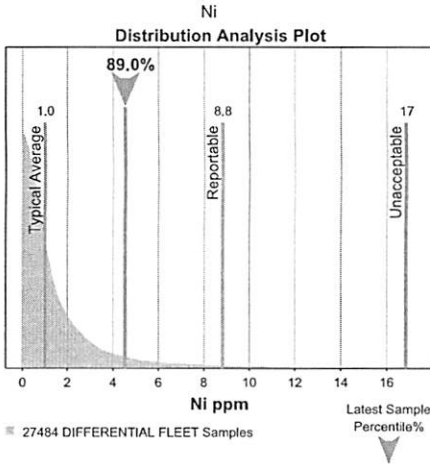
No trend analysis available.

K Test Rank 3.4



No trend analysis available.

Ni Test Rank 3.2



No trend analysis available.

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Equipment Information
Unit # : BT0005
Component : HYDRAULIC
Location :
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

Lubricant
Manufacturer : PETRO-CANADA
Brand : HYDREX MV
Grade : 22
Sample # : 2024/10/21-427
Lab Tracking # : 60WU - 12094

FLUID LIFE
EQUIPMENT RELIABILITY SERVICES

Oil Analysis
4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Sample		Wear Metals ppm														Additives ppm							
Sample Number	Sample Date	Aluminum	Iron	Copper	Lead	Tin	Chromium	Nickel	Titanium	Silver	Vanadium	Antimony	Beryllium	Manganese	Cadmium	Calcium	Zinc	Phosphorus	Magnesium	Molybdenum	Boron	Barium	Lithium
Ref. Sample	2024/09/30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	54	364	284	9	1	0	0	0
10/21-427	2024/10/17	1	8	2	0	0	0	0	0	0	0	0	0	0	0	39	375	297	1	0	0	0	0

Sample Information								Contaminants ppm			Physical Tests				Additional Tests				
Sample Date	Oil Mfr.	Oil Brand	Oil Grade	Component Service	Oil Service	Units	Oil Chg	Sodium	Potassium	Silicon	Visc 40°C cSt	Visc 100°C cSt	Visc Index	Water	ISO Method	ISO Code	ISO 4u Count	ISO 6u Count	ISO 14u Count
Ref. Sample	PET	HYD MV	22					0	0	1	23.7	5.01	143		ISO	21/19/17	10250	4240	960
2024/10/17	PET	HYD MV	22	~12179		HR	N	0	0	2	22.8			N	ISO	22/20/18	31570	8470	1780

Results
2024/10/17 ISO Count flagged for your attention.

Recommendations
2024/10/17 Using an oil with a high Particle Count may lead to increased component wear. Re-sample to confirm the level of contamination.
Notes: Mileage on the unit is 194135km

Key: Y - Yes N - Negative P - Positive R - Reportable U - Unacceptable S - Severe I - Insufficient Sample - Data could not be provided NT - Not Triggered ^ - Updated ~ - Lab Estimated

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Equipment Information

Unit # : BT0005
Component : HYDRAULIC
Location :
Unit Mfr/Model : FORD / F550
Unit Serial # : 1FDUF5HT9KDA06690
Comp Mfr/Model :
Comp Serial # :

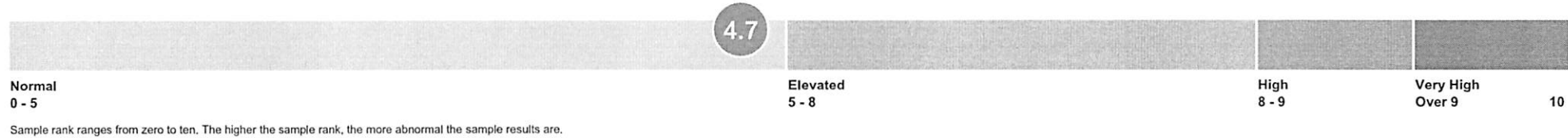
Lubricant

Manufacturer : PETRO-CANADA
Brand : HYDREX MV
Grade : 22
Sample # : 2024/10/21-427
Lab Tracking # : 60WU - 12094

Trend Analysis

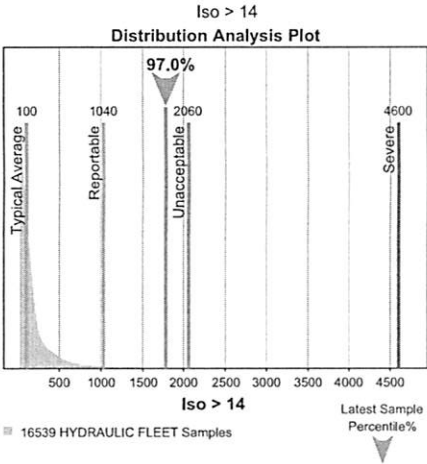
4371 Savaryn Drive SW, Edmonton
Alberta, Canada T6X 2E8
Phone: 877 962 2400

Your Sample Rank



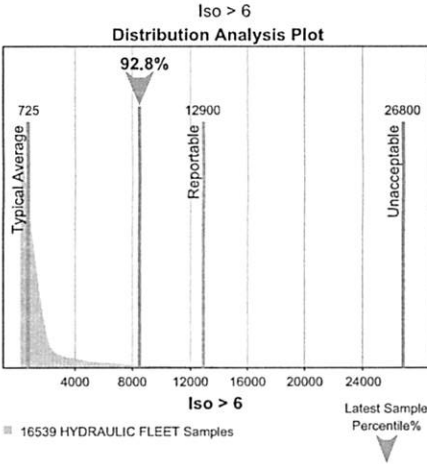
Top Trends Analysis

Iso > 14 Test Rank 6.0



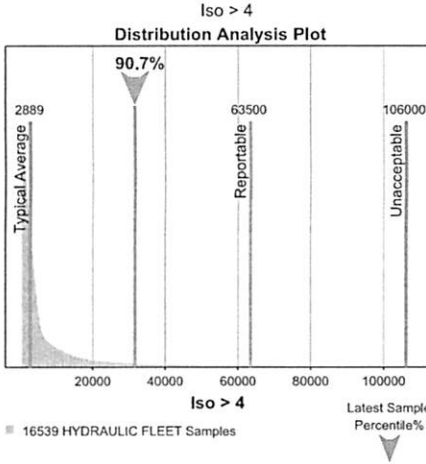
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Iso > 6 Test Rank 5.4



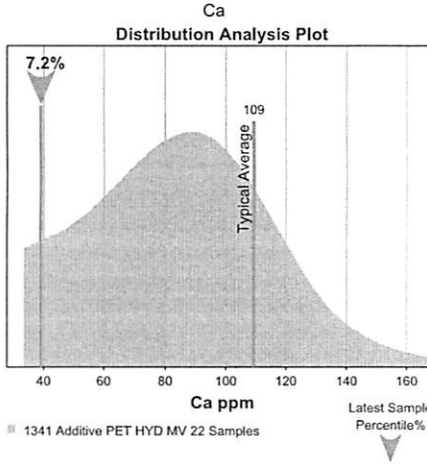
No trend analysis available.

Iso > 4 Test Rank 5.1



No trend analysis available.

Ca Test Rank 4.1



No trend analysis available.