



LABORATORY CAPABILITIES OVERVIEW - GRANDE PRAIRIE

Product Line	Testing Available	Turnaround Time
Flow Assurance	Paraffin Inhibitor Analysis by Cold Finger Analysis	< 24 hours and 3 Days
	Paraffin Control Viscosity Analysis by Rheometer	< 24 hours
	Wax Solvency	< 24 hours
	Paraffin Melt Point	< 24 hours
	Hot Flask Dispersancy (Water and Oil)	< 24 hours
	Cloud Point (WAT) by Viscosity	< 24 hours
	Cloud Point (WAT) by Visual	< 24 hours
	Paraffin Product Emulsion Tendency	Project Dependent
	Solvency R&D	Project Dependent
	Dispersant R&D	Project Dependent
	Paraffin Inhibitor R&D	2 Days
	Paraffin and Asphaltene Quantification	< 24 hours
	Oil Density	< 24 hours
	Crude Oil Compatibility	< 24 hours
	Salt in Crude Analysis	< 24 hours
Asphaltene Dispersancy Test	24-48 hours	
Solids Analysis	Quantitative Solids Analysis	< 48 hours
	Sand/Proppant Sizing by Rotap	< 24 hours
	Total Suspended Solids	< 24 hours
	Analysis by Vacuum Filtration	< 24 hours
	Crystalline Determination by Microscopy	< 24 hours





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Product Line	Testing Available	Turnaround Time
Demulsifiers	Demulsifier Bottle Testing	< 24 hours
	Demulsifier Product R&D	Project Dependent
	Centrifuge and BS&W	< 12 hours
	Karl Fischer Water Content	< 8 hours
	Reverse Emulsion Testing	< 24 hours
Corrosion Inhibitors	Corrosion Inhibitor Emulsion Tendency	< 24 hours
	Copper Ion Displacement Testing	< 24 hours
	Corrosion Coupon Analysis	< 24 hours
	Failure Analysis	24-72 hours
	Electrical Resistance Probe - Field	< 24 hours (Data)
	Corrosion Inhibitor Residuals	48-96 hours
	ATP by LuminUltra	< 8 hours
	ABP and SRB Bottles	14-28 days (Incubation Time)
	Biomass Analysis by LuminUltra	< 8 hours
	Biocide Kill Study by LuminUltra	24 - 48 hours
	Biocide Kill Study by ABP and SRB Bottles	14-28 days (Incubation Time)
Scale Inhibitors and Water Testing Gas Dehydration and Refrigeration	Static Scale Inhibitor Bottle Testing	24-72 hours
	Scale Inhibitor Compatibility Testing	< 24 hours
	Scale Inhibitor Residual Testing	48-96 hours
	Scale Inhibitor R&D	Project Dependent
	Water Compatibilities	< 24 hours
	Total Water Analysis	36-96 hours
	Glycol Analysis by Gas Chromatography	< 5 days





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Product Line	Testing Available	Turnaround Time
Gas Dehydration and Refrigeration Engine Coolants and Heat Medium Glycols	Anions by Ion Chromatography	< 5 days
	Karl Fischer Water Content	< 24 hours
	Iron and Manganese by Atomic Absorption	< 5 days
	Total Suspended Solids	< 24 hours
	Oils and Greases by Soxhlet	< 24 hours
	pH, Description, Density	< 24 hours
	Technical Services	As Needed
	Glycol Analysis by Gas Chromatography	< 5 days
Engine Coolants and Heat Medium Glycols Other Testing	Anions by Ion Chromatography	< 5 days
	Karl Fischer Water Content	< 24 hours
	Iron and Manganese by Atomic Absorption	< 5 days
	Total Suspended Solids	< 24 hours
	Oils and Greases by Soxhlet	< 24 hours
	pH, Description, Density	< 24 hours
	Azoles (Corrosion Inhibitors) by Ion Chromatography	< 5 days
	Technical Services	As Needed
	NORM Check	< 12 hours

