



Lubricant Analysis Report

North America: +1-877-808-3750

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0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: 122750-0001-0000 Company Name: ARCH OIL COMMENTS Contact: Address: Phone Number:		Component ID: FUCHS SILKOLENE PRO4 XP 10W50 Secondary ID: NOWY OLEJ 4T Component Type: BASELINE REFERENCE Manufacturer: Information Requested Model: Information Requested Application: QUALITY CONTROL Sump Capacity:		Tracking Number: 00009734999 Lab Number: Z-274986 Lab Location: Poznan Data Analyst: JUK Sampled: 2022 Received: 09-Sep-2022 Completed: 14-Sep-2022	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0				Product Manufacturer: FUCHS Product Name: SILKOLENE PRO 4 Viscosity Grade: SAE 10W50	
Comments	Data used for baseline reference only. Data indicates no abnormal findings. Resample at normal interval. Your note was taken into consideration.				

	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
1	1	0	0	2	0	0	0	0	0	0	3	1	0	0	2	1	0	0	192	6	2396	0	1052	1153

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base No. D4739	Oxidation	Nitration
			h	h		gal		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	N/A	09-Sep-2022	0	0	Unk	0	Unk								21	5

Particle Count (particles/mL)										Additional Testing	
Sample #	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	
	Based On	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL		
1	4/6/14	/ /									

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.