

**2021 Reference Test Fees and Oil Prices**  
**Effective 1/1/2021**



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Group	TMC Test Type	ASTM D Number	Common Name	Test Fee	Oil Quantity	Oil Price
Gasoline	IIIH/AB	D8111	Sequence IIIH	\$4,000	2.5 gal.	\$80/gallon
	IVA	D6891	Sequence IVA	\$3,000	4 gal.	\$80/gallon
	IVB	N/A	Sequence IVB	\$3,000	5 gal.	\$80/gallon
	VH	D8256	Sequence VH	\$3,000	3 gal.	\$80/gallon
	VIE	D8114	Sequence VIE	\$3,000	6 gal.	\$80/gallon
	VIF	D8226	Sequence VIF	\$3,000	6 gal.	\$80/gallon
	VIII	D6709	Sequence VIII	\$3,000	2 gal.	\$80/gallon
	IX	D8291	Sequence IX	\$3,000	5 gal.	\$80/gallon
	X	D8279	Chain Wear Test	\$3,000	5 gal.	\$80/gallon
Diesel	1K/1N & 1MPC	D6750 & D6618	CAT Single Cylinder	\$3,000	10 gal.	\$80/gallon
	1P/1R	D6681 / D6923	CAT Single Cylinder	\$3,000	15 gal.	\$80/gallon
	ISM	D7468	Cummins ISM	\$3,000	25 gal.	\$80/gallon
	ISB	D7484	Cummins ISB	\$3,000	20 gal.	\$80/gallon
	C13	D7546	CAT C13	\$3,000	25 gal.	\$80/gallon
	T8/T8E	D5967	T-8	\$3,000	35 gal.	\$80/gallon
	T11	D7156	Mack T-11	\$3,000	28 gal.	\$80/gallon
	T12	D7422	Mack T-12	\$3,000	25 gal.	\$80/gallon
	T12A	D7422	Mack T-12A	\$3,000	25 gal.	\$80/gallon
	T13	D8048	Mack T-13	\$3,000	20 gal.	\$80/gallon
	RFWT	D5966	Roller Follower Wear	\$3,000	7 gal.	\$80/gallon
	COAT	D8047	CAT Oil Aeration Test	\$3,000	28 gal.	\$80/gallon
	EOAT	D6894	Engine Oil Aeration Test	\$3,000	12 gal.	\$80/gallon
	JDCCT	D7583	John Deere Coolant Cavitation Test	\$3,000	NA	NA
DD13	N/A	DD13 Scuff	\$3,000	25 gal.	\$80/gallon	
Bench	D6417	D6417	Volatility by GC	\$500	4 ml.	\$35/sample
	D6417QC	D6417QC	Volatility by GC – Quality Control	NA	130 ml.	\$45/sample
	GI	D5133	Gelation Index	\$500	25 ml.	\$35/sample
	D5800	D5800	Volatility by Noack	\$500	100 ml.	\$35/sample
	D5800QC	D5800QC	Volatility by Noack– Quality Control	NA	1 liter 1 gal. 5 gal.	\$45/sample \$170/sample \$830/sample
	D6082	D6082	High Temperature Foam	\$500	525 ml.	\$45/sample
	D874	D874	Sulfated Ash	\$500	32 ml.	\$35/sample
	D874QC	D874QC	Sulfated Ash – Quality Control	NA	1 liter	\$45/sample
	ROBO	D7528	Bench Oxidation	\$500	300 ml	\$35/sample
	ROBO QC	ROBO QC	Bench Oxidation – Quality Control	NA	1 liter	\$45/sample
	TEOST	D6335	TEOST	\$500	130 ml.	\$35/sample
	MTEOS	D7097	MHT TEOST	\$500	17 ml.	\$35/sample
	EOEC	D7216	Automotive Elastomers	\$100	750 ml.	\$45/sample
	LDEOC	D7216	GF-5 Automotive Elastomers	\$100	750 ml.	\$45/sample
EOFT	D6795	Engine Oil Filterability	\$100	290 ml.	\$35/sample	

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	EOWT	D6794	Engine Oil Filterability - Water	\$100	290 ml.	\$35/sample
	CBT	D5968	Corrosion Bench Test	\$100	130 ml.	\$35/sample
	HTCBT	D6594	High Temperature Corrosion Bench	\$100	130 ml.	\$35/sample
	BRT	D6557	Ball Rust Test	\$100	30 ml	\$35/sample
Gear	L-33-1	D7038	L-33-1 Rust	~ \$6836 <sup>1</sup>	1 gal.	\$80/gallon
	L-37	D6121	L-37 Pinion Distress	~ \$6836 <sup>1</sup>	1 gal.	\$80/gallon
	L-37-1	D8165	L-37-1 Pinion Distress	~\$6836 <sup>1</sup>	1 gal.	\$80/gallon
	L-37 RC	NA	L-37 Rater Calibration	\$305/4pinions	NA	NA
	L-42	D7452	L-42 Ring Gear Scoring	~ \$6836 <sup>1*</sup>	1/2 gal.	\$80/gallon
	L-42 RC	NA	L-42 Rater Calibration	\$420/4 pinions	NA	NA
	L60-1	D5704	L60-1	~ \$6836 <sup>1</sup>	8 oz	\$23/sample
	OSCT	D5662	Oil Seal Compatibility	~ \$6836 <sup>1</sup>	750 ml.	\$31/sample
	HTCT	D5579	High Temperature Cyclic Durability	~ \$6836 <sup>1</sup>	11 gal.	\$80/gallon
ONLINE STORE	DFLUB (DFA21 & DFB21)	D6078/D6079	Diesel Fuel Lubricity (SBOCLE/HFRR)	NA	500 mL	\$70/sample
					1/2 gal.	\$100/sample
	JFLUB	D5001	Jet Fuel Lubricity	NA	1/2 gal.	\$75/sample
	SSCT	D7603	Storage Stability and Compatibility in Automotive Gear Oils	NA	1 qt.	\$31/sample
	ELAS (SL107)	NA	Elastomer - Service Fluid 107	NA	1 gal.	\$75/sample
					5 gal.	\$275/sample
					48 gal.	\$2075/sample
	H & M	D6922	Homogeneity and Miscibility in Automotive Engine Oils	NA	1 liter	\$40/sample
	EM 2	D7563	Emulsion Retention	NA	1 liter	\$40/sample
	EM5				1 liter	\$40/sample
	RL269-1	L-14-A-93	CEC Shear Stability by Diesel Injector	NA	1 gal.	\$170/gallon
					53 gal.	\$3500/sample
	RL270-1	L-14-A-93	CEC Shear Stability by Diesel Injector	NA	1 gal.	\$170/gallon
48 gal.					\$3300/sample	
RL233-7	L-14-A-95/ D6278	Shear Stability	NA	1 liter	\$55/sample	
				52 gallons	\$3150/sample	

<sup>1</sup> Determined based on available stands and billed semi-annually.

*International shipping, tax, & duty fees may apply*

*ALL shipping is now FREIGHT COLLECT*

Contact Amanda Darcy at 412-365-1022 or [ahd@astmtmc.cmu.edu](mailto:ahd@astmtmc.cmu.edu) for more up to date prices.

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