3M Science. Applied to Life.™

Maximize your oil life and your bottom line.

Save money by preventing premature oil disposal. With 3M™ Oil Quality Test Strips you can measure increased concentrations of free fatty acids (FFA) — a major by-product of oil breakdown that greatly impacts the quality of fried foods — and know when it's time to replace your oil.

Use our cost calculator to see how these test strips can save you money compared to an electronic fryer oil test device.

See your savings.



3M™ Oil Quality Test Strips can help you determine the appropriate discard point for your oil, so you don't throw away potential savings. Simply dip a strip into your oil at operating temperature until all four bands are submerged and then remove. Discard the oil if the strip indicates more than 6% FFA concentration.* Consistent oil monitoring can maximize oil life — reducing cost while maximizing fried food quality.

Fill in the boxes with your information and see how much you can save.

	Electronic Fryer Oil Test Device		3M™ Oil Quality Test Strips	
Equipment/Oil strips cost**	$500		Case cost $141.41	Annual cost $323
Annual equipment service	$100		$0	
Reference oil	$49		$0	
Breakage (25%)	Breakage 25%	Annual cost $125	$0	
Total number of fryers	1			
Estimated Annual Cost	**$774**		**$323**	

* Free fatty acids concentrations indicated on the oil quality test strip are equivalent to those that can be obtained by A.O.C.S. Official Test Methods Te la-64 and CA 5a-40.
**Assumes: 3M List Price per case of 3M™ Oil Quality Test Strips 1004 (160 strips per case). One 3M test strip used per day.

Reset form

Explore how 3M cleaning solutions can give you fresh savings.

Request a demo

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St. Paul, MN 55144-1000

1-800-698-4595
3M.com/foodservice

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