

Subject		Market	
<b>Oil Viscosity Applicability and Change Interval Guide</b>		USA	
Service Category		Section	
General		Maintenance	
Applicability			
All Models			

**APPLICABLE VEHICLES**

2010-2014	xD	2013-2014	FR-S
2010-2014	xB	2010-2014	tC
2012-2014	iQ		

**CONDITION**

Starting with the 2010 model year, Scion began a gradual transition to the use of synthetic 0w-20 viscosity engine oil. There are multiple benefits of this oil, including:

- Reduced friction and wear on engine surfaces
- Improved fuel economy
- Reduction in waste oil stream (in vehicles approved for 10,000 mile oil change intervals)
- Reduced maintenance cost (in vehicles approved for 10,000 mile oil change intervals)

Due to the improved performance and durability of 0w-20 synthetic oil, Scion has extended the oil change intervals to 10,000 miles for vehicles that require this oil (except for FR-S). With this change, the following should be noted:

- Only Scion vehicles in which 0w-20 oil is mandatory have been approved for extended oil change intervals
- Vehicles in which 0w-20 is an option to 5w-20 (or 5w-30) will continue to require 5,000 mile change intervals, even if 0w-20 oil is used
- In the case of vehicles with 10,000 mile oil change intervals, the 5,000 mile service interval has not been eliminated. The traditional 5,000 mile maintenance procedures (such as tire rotation) will continue to be required, and the fluid levels (including engine oil) will need to be checked and adjusted at this time
- If the vehicle operation meets the standard criteria for "Special Operating Conditions" such as: driving off-road, on dirt roads, towing a trailer, making repeated short trips under 32° F, or extensive idling; the engine oil must be replaced at 5,000 mile intervals, regardless of oil used. Exception is FR-S, where the oil must be replaced every 3,750 miles, under "Special Operating Conditions."

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**RECOMMENDATIONS**

Please follow the chart to determine the proper oil viscosity, fill quantity, and proper **change** interval for 2010-2014 Model Year Scion vehicles under non-severe usage.

Vehicle	Engine	Model Year	Oil	Capacity with Filter Change (quart)	Oil Change Interval
tC	2AZ-FE	2010	5w-20 or 0w-20	4.0	5,000 Miles
	2AR-FE	2011-2014	0w-20	4.7	10,000 Miles
xB	2AZ-FE	2010-2014	5w-20 or 0w-20	4.5	5,000 Miles
xD	2ZR-FE	2010-2014	0w-20	4.4	10,000 Miles
iQ	1NR-FE	2012-2014	0w-20	3.7	10,000 Miles
FR-S	FA20 (4U-FSE)	2013-2014	0w-20	5.8	7,500 Miles

**LINK REFERENCES**

This Tech Tip does not contain any link references