CLEXUS

Tech Tip L-TT-0001-10

August 06, 2013

USA

Oil Viscosity Applicability and Change Interval Guide

Service Category

Applicability All Models Maintenance

APPLICABLE VEHICLES

2010 – 2014 Model Year Vehicles

CONDITION

Starting with the 2010 Model Year, Lexus 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, Lexus has extended the oil change intervals to 10,000 miles for vehicles that require this oil. With this change, the following should be noted:

- Only Lexus vehicles in which 0w-20 oil is <u>mandatory</u> 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 specified.

Please follow the chart on page 2 to determine the proper oil viscosity, fill quantity, and proper <u>change</u> interval for 2010-2014 Model Year Lexus vehicles under non-severe usage.



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Oil Viscosity Applicability and Change Interval Guide

All Models

RECOMMENDATIONS

Vehicle Engine Model Year Oil Capacity with Filter Change (quarts) Oil Change Interval E 200h 2ZR-FXE 2011-2014 0w-20 4.4 10,000 Miles ES 350 2GR-FE 2010-2012 5w-30 6.4 5,000 Miles ES 300h 2AR-FXE 2013-2014 0w-20 4.6 10,000 Miles ES 300h 2AR-FXE 2013-2014 0w-20 4.6 10,000 Miles GS 350 2GR-FSE 2010-2011 5w-30 2WD-6.6 5,000 Miles GS 450h 2GR-FSE 2010-2011 5w-30 6.6 5,000 Miles GS 460 1UR-FSE 2010-2011 5w-20 or 0w-20 9.1 5,000 Miles HS 250h 2AZ-FXE 2010-2012 0w-20 4.5 10,000 Miles IS 250 4GR-FSE 2010 5w-30 2WD-6.6 5,000 Miles IS 350C 2GR-FSE 2010-2013 5w-30 2.6 5,000 Miles IS 350C 2GR-FSE 2010-2013 5w-30 6.6				The second s				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Year		Filter Change		
ES 350 2GR-FE 2013-2014 0w-20 6.4 10,000 Miles ES 300h 2AR-FXE 2013-2014 0w-20 4.6 10,000 Miles GS 350 2GR-FSE 2010-2011 5w-30 2WD-6.6 AWD-6.7 5,000 Miles GS 450h 2GR-FSE 2010-2011 5w-30 6.6 5,000 Miles GS 450h 2GR-FSE 2010-2011 5w-30 6.6 5,000 Miles GS 460 1UR-FSE 2010-2011 5w-30 6.6 5,000 Miles HS 250h 2AZ-FXE 2010-2012 0w-20 9.1 5,000 Miles HS 250h 2AZ-FXE 2010-2012 0w-20 4.5 10,000 Miles IS 250c 4GR-FSE 2010 5w-30 2WD-6.6 AWD-6.8 5,000 Miles IS 350 2GR-FSE 2011-2014 0w-20 2WD-6.6 10,000 Miles IS 350C 2GR-FSE 2010-2013 5w-30 6.6 5,000 Miles IS 350C 2GR-FSE 2010-2013 5w-30 6.6 5,000 Miles		CT 200h	2ZR-FXE	2011-2014	0w-20	4.4	10,000 Miles	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		EQ 250	2GR-FE	2010-2012	5w-30	6.4	5,000 Miles	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		E0 330	2GR-FE	2013-2014	0w-20	6.4	10,000 Miles	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		ES 300h	2AR-FXE	2013-2014	0w-20	4.6	10,000 Miles	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		GS 350	2GR-FSE	2010-2011	5w-30		5,000 Miles	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				2013-2014	0w-20		10,000 Miles	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		CO AFOL			5w-30	6.6	5,000 Miles	
$ \begin{array}{ c c c c c c c c c } \hline \mbox{GS 460} & 10R-FSE & 2010-2011 & 0w-20 & 9.1 & 5,000 \ \mbox{Miles} \\ \hline \mbox{HS 250h} & 2AZ-FXE & 2010-2012 & 0w-20 & 4.5 & 10,000 \ \mbox{Miles} \\ \hline \mbox{HS 250C} & 4GR-FSE & 2010 & 5w-30 & 2WD-6.6 & AWD-6.8 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS 250C} & 4GR-FSE & 2011-2014 & 0w-20 & 2WD-6.6 & 10,000 \ \mbox{Miles} \\ \hline \mbox{IS 350} & 2GR-FSE & 2010-2013 & 5w-30 & 6.6 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS 350C} & 2GR-FSE & 2010-2014 & 5w-30 & 6.6 & 10,000 \ \mbox{Miles} \\ \hline \mbox{IS 350C} & 2GR-FSE & 2010-2014 & 5w-30 & 6.6 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS F} & 2UR-GSE & 2010-2014 & 5w-30 & 6.6 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS F} & 2UR-GSE & 2010-2014 & 5w-30 & 9.8 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS F} & 2UR-GSE & 2010-2014 & 5w-30 & 9.8 & 5,000 \ \mbox{Miles} \\ \hline \mbox{IS A60} & 10R-FSE & 2010-2013 & 5w-20 \ \mbox{Over} & 2WD-9.1 & 8,000 \ \mbox{Miles} \\ \hline \mbox{LS 460} & 10R-FSE & 2010-2013 & 5w-20 \ \mbox{Over} & 2WD-9.1 & 8,000 \ \mbox{Miles} \\ \hline \mbox{LS 600h} & 2UR-FSE & 2010-2013 & 5w-20 \ \mbox{Over} & 9.5 & 5,000 \ \mbox{Miles} \\ \hline \mbox{LS 600h} & 2UR-FSE & 2010-2013 & 5w-20 \ \mbox{Over} & 9.5 & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5w-20 \ \mbox{Over} & 9.5 & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5w-20 \ \mbox{MIles} & 5w-20 \ \mbox{MIles} & 5w-20 \ \mbox{MIles} \\ \hline \mbox{MIles} & 2014 & 0w-20 & 2WD-9.1 \ \mbox{MIles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 2010-2013 & 5w-20 \ \mbox{MIles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline \mbox{MIles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} & 5,000 \ \mbox{Miles} \\ \hline $		65 4501	ZGR-F3E	2013-2014		6.7	10,000 Miles	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		GS 460	1UR-FSE	2010-2011		9.1	5,000 Miles	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		HS 250h	2AZ-FXE	2010-2012	0w-20	4.5	10,000 Miles	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			4GR-FSE	2010	5w-30		5,000 Miles	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			4GR-FSE	2011-2014	0w-20		10,000 Miles	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		IS 350	2GR-FSE	2010-2013	5w-30	6.6	5,000 Miles	
IS F 2UR-GSE 2010-2014 5w-30 9.8 5,000 Miles LFA 1LR-GUE 2012 NOTE 1 NOTE 2 NOTE 3 LS 460 1UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 5,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 10,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 9.5 5,000 Miles				2014	0W-20	6.6	10,000 Miles	
LFA 1LR-GUE 2012 NOTE 1 NOTE 2 NOTE 3 LS 460 1UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 5,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 10,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 9.5 5,000 Miles		IS 350C	2GR-FSE	2010-2014	5w-30	6.6	5,000 Miles	
LS 460 1UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 5,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 2WD-9.1 AWD-9.5 10,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 9.5 5,000 Miles		IS F	2UR-GSE	2010-2014	5w-30	9.8	5,000 Miles	
LS 460 1UR-FSE 2010-2013 0w-20 AWD-9.5 5,000 Miles 2014 0w-20 2WD-9.1 AWD-9.5 10,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 9.5 5,000 Miles		LFA	1LR-GUE	2012	NOTE 1	NOTE 2	NOTE 3	
2014 0w-20 2WD-9.1 AWD-9.5 10,000 Miles LS 600h 2UR-FSE 2010-2013 5w-20 or 0w-20 9.5 5,000 Miles		LS 460	1UR-FSE	2010-2013		1	5,000 Miles	
LS 600h 2UR-FSE 2010-2013 0w-20 9.5 5,000 Miles				2014	0w-20		10,000 Miles	
2014 0w-20 9.5 10,000 Miles					0w-20			
SC 430 3UZ-FE 2010 5w-30 5.5 5,000 Miles NOTE 1 Mobile 1 @ 5w 50 API SN or SM					5w-30	5.5	5,000 Miles	

NOTE 1. Mobile 1 ® 5w-50 API SN or SM.

NOTE 2. Twin oil cooler - 17.9 qts, Single oil cooler - 16.9 qts.

NOTE 3. Maintenance reminder illuminates or 6,000 miles or Two years since last oil change.

NOTE 4. If Dip Stick Color is Blue - 7.4 qts. If Dip Stick Color is Green - 7.9 qts.

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All Models

	Vehicle	Engine	Model Year	Cil	Capacity with Filter Change (quarts)	Oil Change
	GX 460	1UR-FSE	2010-2014	0w-20	8.2	10,000 Miles
	LX 570	3UR-FE	2010	5w-20 or	NOTE 4	5,000 Miles
RUCK			2011	0w-20	7.9	5,000 Miles
			2013-2014	0w-20	7.9	10,000 Miles
	RX 350	2GR-FE	2010-2014	0w-20	6.4	10,000 Miles
	RX 450h	2GR-FXE	2010-2014	0w-20	6.4	10,000 Miles

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