

ASM Engine Oil Quick Reference Chart

Oil Type and Interval Reference

S = Synthetic oil only

N/S = Conventional oil recommended / 0W-20 synthetic oil optional
(Synthetic is best choice for economy and cold starting)

N = Non-synthetic (conventional) oil only

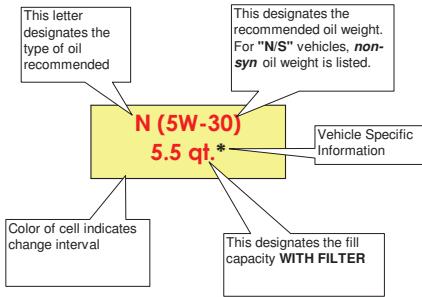
S !!! = Synthetic oil only (with 5K interval)

5000 mi / 6 months interval

10000 mi / 12 months interval

Information Key

(refer to the information above for complete detail)



Vehicle Specific Information

Oil capacities are latest published information and are subject to change. All capacities are "with filter"

* 2010 Landcruiser with BLUE dipsticks have 7.4 fill w filter / with GREEN dipstick have 7.9 fill w filter

** Flex Fuel vehicle operated with E85 must have oil change at 2500 miles

*** 5W/20 oil recommended for Highlander without tow package

**** 2WD is 4.8 qt. and 4WD/Prerunner is 5.5 qt.

***** Oil capacity and type apply to Camry and Camry Solara

Information has not been validated

No information available for this model

Model / Engine / # of Cylinders / Displacement (L)				2006	2007	2008	2009	2010	2011
4Runner	2TR-FE	4	2.7					S !!! (0W-20) 6.1 qt.	S !!! (0W-20) 6.1 qt.
	1GR-FE	6	4.0	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.6 qt.	S (0W-20) 6.6 qt.
	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.		
Avalon	2GR-FE	6	3.5	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.*****	N/S (5W-20) 4.5 qt.*****	N/S (5W-20) 4.5 qt.*****	N/S (5W-20) 4.5 qt.		
Camry/ Camry Solara	2AR-FE	4	2.5					S (0W-20) 4.7 qt.	S (0W-20) 4.7 qt.
	1MZ-FE	6	3.0	N (5W-30) 5.0 qt.					
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.*****	N (5W-30) 5.0 qt.*****	N (5W-30) 5.0 qt.*****			
	2GR-FE	6	3.5		N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
Camry HV	2AZ-FXE	4	2.4		N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.
Corolla	1ZZ-FE	4	1.8	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.			
	2ZZ-GE	4	1.8	N (5W-30) 4.7 qt.					
	2ZR-FE	4	1.8				N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.
	2AZ-FE	4	2.4				N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.
FJ Cruiser	1GR-FE	6	4.0		N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.4 qt.	S (0W-20) 6.4 qt.
Highlander	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.	N/S (5W-20) 4.0 qt.				
	1AR-FE	4	2.7				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.	N (5W-30) 5.0 qt.				
Highlander HV	2GR-FE	6	3.5			N (5W-30) 6.4 qt.***	N (5W-30) 6.4 qt.***	N (5W-30) 6.4 qt.***	S (0W-20) 6.4 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.	N (5W-30) 5.0 qt.	N/S (5W-20) 5.0 qt.	N/S (5W-20) 5.0 qt.	N/S (5W-20) 5.0 qt.	
Land Cruiser	2GR-FXE	6	3.5						S (0W-20) 6.4 qt.
	2UZ-FE	8	4.7	N (5W-30) 7.2 qt.	N (5W-30) 7.2 qt.				
Matrix	3UR-FE	8	5.7			N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4/7.9 qt.*	N/S (5W-20) 7.9 qt.
	1ZZ-FE	4	1.8	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.			
	2ZZ-GE	4	1.8	N (5W-30) 4.7 qt.					
Prius	2ZR-FE	4	1.8				N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.
	2AZ-FE	4	2.4				N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.
	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.		
Prius Plug In	2ZR-FXE	4	1.8				S (0W-20) 4.4 qt.	S (0W-20) 4.4 qt.	
RAV4	2AZ-FE	4	2.4	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.			
	2AR-FE	4	2.5				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
	2GR-FE	6	3.5	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
Sequoia	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.		
	3UR-FE	8	5.7			N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
	3UR-FBE**	8	5.7				N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
	1UR-FE	8	4.6					S (0W-20) 7.9 qt.	S (0W-20) 7.9 qt.
Sienna	1AR-FE	4	2.7						S (0W-20) 4.7 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.					
Tacoma	2GR-FE	6	3.5		N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	S (0W-20) 6.4 qt.
	2TR-FE	4	2.7	N (5W-30) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	S !!! (0W-20) 6.1 qt.
Tundra	1GR-FE	6	4.0	N (5W-30) 4.8 qt.****	N (5W-30) 4.8 qt.****	N (5W-30) 4.8 qt.****	N (5W-30) 4.8 qt.****	N (5W-30) 4.8 qt.****	N (5W-30) 4.8 qt.****
	1GR-FE	6	4.0	N (5W-30) 4.8 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.4 qt.
	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.		
	1UR-FE	8	4.6					S (0W-20) 7.9 qt.	S (0W-20) 7.9 qt.
	3UR-FE	8	5.7		N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
Venza	3UR-FBE**	8	5.7				N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
	1AR-FE	4	2.7				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
Yaris	2GR-FE	6	3.5				N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.
Scion tC	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	
	2AR-FE	4	2.5						S (0W-20) 4.7 qt.
Scion xA	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.					
Scion xB	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.					
	2AZ-FE	4	2.4			N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.
Scion xD	2ZR-FE	4	1.8			N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.	S (0W-20) 4.4 qt.

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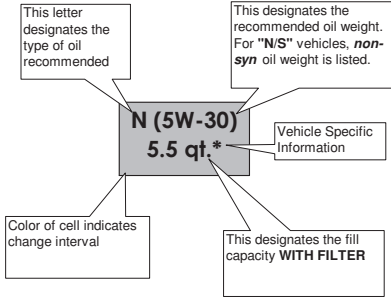
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* 2010 Landcruiser with BLUE dipsticks have 7.4 fill w filter / with GREEN dipstick have 7.9 fill w filter

** Flex Fuel vehicle operated with E85 must have oil change at 2500 miles

*** 5W/20 oil recommended for Highlander without tow package

**** 2WD is 4.8 qt. and 4WD/Prerunner is 5.5 qt.

***** Oil capacity and type apply to Camry and Camry Solara

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Model / Engine / # of Cylinders / Displacement (L)				2006	2007	2008	2009	2010	2011
4Runner	2TR-FE	4	2.7					S !!! (0W-20) 6.1 qt.	S !!! (0W-20) 6.1 qt.
	1GR-FE	6	4.0	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.6 qt.	S (0W-20) 6.6 qt.
	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.		
Avalon	2GR-FE	6	3.5	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
Camry/ Camry Solara	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.*****	N/S (5W-20) 4.5 qt.*****	N/S (5W-20) 4.5 qt.*****	N/S (5W-20) 4.5 qt.		
	2AR-FE	4	2.5					S (0W-20) 4.7 qt.	S (0W-20) 4.7 qt.
	1MZ-FE	6	3.0	N (5W-30) 5.0 qt.					
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.****	N (5W-30) 5.0 qt.****	N (5W-30) 5.0 qt.****			
Camry HV	2GR-FE	6	3.5	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
	2AZ-FXE	4	2.4		N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.
Corolla	1ZZ-FE	4	1.8	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.			
	2ZZ-GE	4	1.8	N (5W-30) 4.7 qt.					
	2ZR-FE	4	1.8				N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.
	2AZ-FE	4	2.4				N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.
FJ Cruiser	1GR-FE	6	4.0		N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.4 qt.	S (0W-20) 6.4 qt.
Highlander	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.	N/S (5W-20) 4.0 qt.				
	1AR-FE	4	2.7				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.	N (5W-30) 5.0 qt.				
Highlander HV	2GR-FE	6	3.5			N (5W-30) 6.4 qt.***	N (5W-30) 6.4 qt.***	N (5W-30) 6.4 qt.***	S (0W-20) 6.4 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.	N (5W-30) 5.0 qt.	N/S (5W-20) 5.0 qt.	N/S (5W-20) 5.0 qt.	N/S (5W-20) 5.0 qt.	
Land Cruiser	2GR-FXE	6	3.5						S (0W-20) 6.4 qt.
	2UZ-FE	8	4.7	N (5W-30) 7.2 qt.	N (5W-30) 7.2 qt.				
Matrix	3UR-FE	8	5.7			N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4/7.9 qt.*	N/S (5W-20) 7.9 qt.
	1ZZ-FE	4	1.8	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.	N (5W-30) 4.4 qt.			
	2ZZ-GE	4	1.8	N (5W-30) 4.7 qt.					
Pruis Plug In	2ZR-FE	4	1.8				N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.
	2AZ-FE	4	2.4				N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.
	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.		
RAV4	2ZR-FXE	4	1.8					S (0W-20) 4.4 qt.	S (0W-20) 4.4 qt.
	2AZ-FE	4	2.4	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.			
	2AR-FE	4	2.5				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
Sequoia	2GR-FE	6	3.5	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.5 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.		
	3UR-FE	8	5.7			N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
	3UR-FBE**	8	5.7				N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
Sienna	1UR-FE	8	4.6					S (0W-20) 7.9 qt.	S (0W-20) 7.9 qt.
	1AR-FE	4	2.7						S (0W-20) 4.7 qt.
	3MZ-FE	6	3.3	N (5W-30) 5.0 qt.					
Tacoma	2GR-FE	6	3.5		N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	S (0W-20) 6.4 qt.
	2TR-FE	4	2.7	N (5W-30) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	N/S (5W-20) 6.1 qt.	S !!! (0W-20) 6.1 qt.
Tundra	1GR-FE	6	4.0	N (5W-30) 4.8 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.4 qt.
	1GR-FE	6	4.0	N (5W-30) 4.8 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	N (5W-30) 5.5 qt.	S (0W-20) 6.4 qt.
	2UZ-FE	8	4.7	N (5W-30) 6.5 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.	N (5W-30) 6.6 qt.		
	1UR-FE	8	4.6					S (0W-20) 7.9 qt.	S (0W-20) 7.9 qt.
	3UR-FE	8	5.7		N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
Venza	3UR-FBE**	8	5.7				N/S (5W-20) 7.4 qt.	N/S (5W-20) 7.9 qt.	N/S (5W-20) 7.9 qt.
	1AR-FE	4	2.7				N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.	N/S (5W-20) 4.7 qt.
Yaris	2GR-FE	6	3.5				N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.	N (5W-30) 6.4 qt.
	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.	N (5W-30) 3.9 qt.
Scion tC	2AZ-FE	4	2.4	N (5W-30) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	N/S (5W-20) 4.0 qt.	
	2AR-FE	4	2.5						S (0W-20) 4.7 qt.
Scion xA	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.					
Scion xB	1NZ-FE	4	1.5	N (5W-30) 3.9 qt.					
	2AZ-FE	4	2.4			N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.	N/S (5W-20) 4.5 qt.
Scion xD	2ZR-FE	4	1.8			N/S (5W-20) 4.4 qt.	N/S (5W-20) 4.4 qt.	S (0W-20) 4.4 qt.	S (0W-20) 4.4 qt.