

2009 Toyota Highlander Hybrid

Fluids

FLUID CAPACITIES

Air Cond Refrigerant

Application	Volume
Hybrid,Hybrid Limited	1.30LBS. (0.6KG)
R-134a	

Automatic Transmission Fluid

Application	Volume
Hybrid,Hybrid Limited - Rear	1.90QTS. (1.8L)
TOYOTA Genuine Automatic Transmission Fluid Type WS	
Hybrid,Hybrid Limited - Front	4.10QTS. (3.9L)
TOYOTA Genuine Automatic Transmission Fluid Type WS	

Brake Fluid

Application	Volume
All Applicable Models	Top-Off As Required
DOT 3 Brake Fluid	

Differential Gear Oil

Application	Volume
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Engine Coolant

Application	Volume
3.3L Eng - Power Control Unit	3.60QTS. (3.4L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
2.7L Eng - w/o Rear Heater,w/o Towing Package	7.30QTS. (6.9L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
2.7L Eng - w/o Rear Heater,w/Towing Package	8.00QTS. (7.6L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
3.5L Eng - w/o Rear Heater,w/o Towing Package	9.30QTS. (8.8L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
2.7L Eng - w/Rear Heater,w/o Towing Package	9.60QTS. (9.1L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
3.5L Eng - w/o Rear Heater,w/Towing Package	10.00QTS. (9.5L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
2.7L Eng - w/Rear Heater,w/Towing Package	10.40QTS. (9.8L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
3.3L Eng - w/o Rear Heater	11.20QTS. (10.6L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
3.5L Eng - w/Rear Heater,w/o Towing Package	11.60QTS. (11.0L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	
3.5L Eng - w/Rear Heater,w/Towing Package	12.40QTS. (11.7L)
TOYOTA Super Long Life Coolant or equivalent	
DO NOT use plain water alone.	

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3.3L Eng - w/Rear Heater	13.50QTS. (12.8L)
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TOYOTA Super Long Life Coolant or equivalent

DO NOT use plain water alone.

Engine Oil

Application	Volume
2.7L Eng - Drain and Refill,w/o Filter	4.20QTS. (4.0L)
SAE 5W-30 or 0W-20 Synthetic Oil	
SAE 0W-20 is the oil that provides the optimal level of fuel efficiency.	
2.7L Eng - Drain and Refill,w/Filter	4.70QTS. (4.4L)
SAE 5W-30 or 0W-20 Synthetic Oil	
SAE 0W-20 is the oil that provides the optimal level of fuel efficiency.	
3.3L Eng - Drain and Refill,w/o Filter	4.80QTS. (4.5L)
SAE 5W-20 or 0W-20 Synthetic Oil	
SAE 0W-20 is the oil that provides the optimal level of fuel efficiency.	
3.3L Eng - Drain and Refill,w/Filter	5.00QTS. (4.7L)
SAE 5W-20 or 0W-20 Synthetic Oil	
SAE 0W-20 is the oil that provides the optimal level of fuel efficiency.	
3.5L Eng - Drain and Refill,w/o Filter,w/Towing Package	6.00QTS. (5.7L)
SAE 5W-30	
SAE 5W-30 is the best choice for good fuel economy and good starting in cold weather. If SAE 5W-30 is not available, SAE 10W-30 oil may be used. However, it should be replaced with SAE 5W-30 at the next oil change.	
3.5L Eng - Drain and Refill,w/Filter,w/Towing Package	6.40QTS. (6.1L)
SAE 5W-30	
SAE 5W-30 is the best choice for good fuel economy and good starting in cold weather. If SAE 5W-30 is not available, SAE 10W-30 oil may be used. However, it should be replaced with SAE 5W-30 at the next oil change.	

Fuel Tank

Application	Volume
Hybrid,Hybrid Limited	17.20GALS. (65.1L)

Transfer Case Fluid

Application	Volume
AWD	1.00QTS. (0.9L)
API - GL-5 Hypoid Gear Oil, SAE 90 Above 0Deg.F (-18Deg C), SAE 80W or 80W-90 Below 0Deg. F (-18Deg C)	

Windshield Washer Fluid

Application	Volume
All Applicable Models	Top-Off As Required
Plain water	
In cold areas where temperatures range below the freezing point, use washer fluid containing antifreeze. Not radiator antifreeze.	