

RECOMMENDED FLUIDS AND LUBRICANTS

VG33E and VG33ER

Description			Capacity (Approximate)			Recommended Fluids and Lubricants
			US measure	Imp measure	Liter	
Engine oil	Drain and refill	With oil filter	3 1/2 qt	2 7/8 qt	3.3	<ul style="list-style-type: none"> ● API Certification Mark*1 ● API grade SG/SH, Energy Conserving I & II or API grade SJ or SL, Energy Conserving*1 ● ILSAC grade GF-I, GF-II & GF-III*1
		Without oil filter	3 1/8 qt	2 5/8 qt	3.0	
	Dry engine (engine over-haul)		4 qt	3 3/8 qt	3.8	
Cooling system (without reservoir)			10 3/4 qt	8 7/8 qt	10.15	Genuine NISSAN Long Life Anti-freeze coolant or equivalent
Cooling system reservoir			7/8 qt	3/4 qt	0.8	
Manual transmission fluid (MTF)	4X2		5 7/8 pt	4 7/8 pt	2.8	Genuine NISSAN Manual Transmission Fluid (MTF) 75W-85
	4X4		10 3/4 pt	9 pt	5.1	
Transfer fluid (TX10A)			2 3/8 qt	2 qt	2.2	Genuine NISSAN Matic "D" ATF (Continental U.S. and Alaska) or Canada NISSAN Automatic Transmission Fluid*2
Differential carrier gear oil	Front (4X4) R200A		3 3/4 pt	3 1/8 pt	1.75	Standard differential gear: API GL-5 Viscosity SAE 80W-90*4 Limited-slip differential (LSD) gear: Use only LSD gear oil API GL-5 Viscosity SAE 80W-90*4 approved for NISSAN LSD*5.
	Rear H233B		5 7/8 pt	4-7/8 pt	2.8	
Automatic transmission fluid (ATF)	4X2		8 3/4 qt	7 1/4 qt	8.3	Genuine NISSAN Matic "D" ATF (Continental U.S. and Alaska) or Canada NISSAN Automatic Transmission Fluid *2
	4X4		9 qt	7 1/2 qt	8.5	
Power steering fluid (PSF)			2 1/8 - 2 3/8 pt	1 3/4 - 2 pt	1.0 - 1.1	Genuine NISSAN PSF or equivalent*6
Brake and clutch fluid			—	—	—	Genuine NISSAN Super Heavy Duty Brake Fluid*3 or equivalent DOT 3 (US FMVSS No. 116)
Propeller shaft grease			—	—	—	NLGI No. 2 (Molybdenum disulphide lithium soap base)
Multi-purpose grease			—	—	—	NLGI No. 2 (Lithium soap base)
Free-running hub grease (Auto-lock)			—	—	—	Genuine NISSAN grease or equivalent
Windshield washer fluid			—	—	—	Genuine NISSAN Windshield Washer Concentrate Cleaner & Anti-freeze
Air conditioner system refrigerant			1.32 - 1.54 lb	1.32 - 1.54 lb	0.60 - 0.70 kg	HFC 134a (R-134a)*7
Air conditioner system lubricant			6.8 fl oz	7.0 fl oz	200 m ℓ	Genuine NISSAN A/C System Lubricant Type R or equivalent*7

*1: For further details, see "SAE Viscosity Number".

*2: DEXRON™ III, MERCON™ or equivalent may also be used. Outside the continental United States and Alaska contact a NISSAN dealership for more information regarding suitable fluids, including recommended brand(s) of DEXRON™ III, MERCON™ Automatic Transmission Fluid.

*3: Available in mainland U.S.A. through your NISSAN dealer.

*4: For hot climates, viscosity SAE 90 is suitable for ambient temperatures above 0°C (32°F).

*5: Contact a NISSAN dealer for a list of approved oils.

*6: Genuine NISSAN PSF, Canada NISSAN Automatic Transmission Fluid (ATF), DEXRON™ III, MERCON™, or equivalent ATF may also be used.

*7: For further details, see "Air conditioner specification label."