

SECTION **MA**

CONTENTS

PRECAUTIONS AND PREPARATION	2002	Fluids and Lubricants.....	2003
Supplemental Restraint System (SRS) "AIR		SAE Viscosity Number.....	2004
BAG" and "SEAT BELT PRE-TENSIONER" ..	2002		
RECOMMENDED FLUIDS AND			
LUBRICANTS	2003		

PRECAUTIONS AND PREPARATION

Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER” used along with a seat belt, helps to reduce the risk or severity of injury to the driver and front passenger in a frontal collision. The SRS system composition which is available to NISSAN MODEL D22 is as follows (The composition varies according to the destination and optional equipment.):

Driver air bag module (located in the center of the steering wheel), front passenger air bag module (located on the instrument panel on passenger side), seat belt pre-tensioner, a diagnosis sensor unit, warning lamp, wiring harness and spiral cable.

Information necessary to service the system safely is included in the **RS section** of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the RS section.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. Spiral Cable and wiring harnesses (except “SEAT BELT PRE-TENSIONER”) covered with yellow insulation either just before the harness connectors or for the complete harness are related to the SRS.**

RECOMMENDED FLUIDS AND LUBRICANTS

Fluids and Lubricants

	Capacity (Approximate)		Recommended Fluids/Lubricants
	Liter	Imp measure	
Engine oil (Refill)			
With oil filter			
	TD25	6.0	5-1/4 qt
	TD25Ti	6.7	5-7/8 qt
Without oil filter			Gasoline engine: API SG, SH or SJ* Diesel engine: API CD*
	TD25	5.3	4-5/8 qt
	TD25Ti	6.0	5-1/4 qt
Cooling system (With reservoir)			
	TD25	9.5	8-3/8 qt
	TD25Ti	10.6	9-3/8 qt
			Anti-freeze coolant (Ethylene glycol base)
Manual transmission gear oil	FS5R30A	4WD 5.1	9 pt
	FS5W71C	2WD 2.0 4WD 4.9	3-1/2 pt 8-5/8 pt
			API GL-4, Viscosity SAE 75W-90 only
Differential gear oil			
Front:	R180A	1.3	2-1/4 pt
Rear:	C200	1.3	2-1/4 pt
	H233B	2.8	4-7/8 pt
			Standard differential gear: API GL-5*1 Limited-slip differential (LSD) gear: Gear Oil Hypoid LSD (Part No.: KLD31-14002) or equivalent*2
Power steering fluid	—	—	Type DEXRON TM IIIE, DEXRON TM III or equivalent
Brake and clutch fluid	—	—	DOT 3 or DOT 4 (US FMVSS No. 116)*3
Propeller shaft grease	—	—	NLGI No. 2 (Molybdenum disulphide lithium soap base)
Multi-purpose grease	—	—	NLGI No. 2 (Lithium soap base)

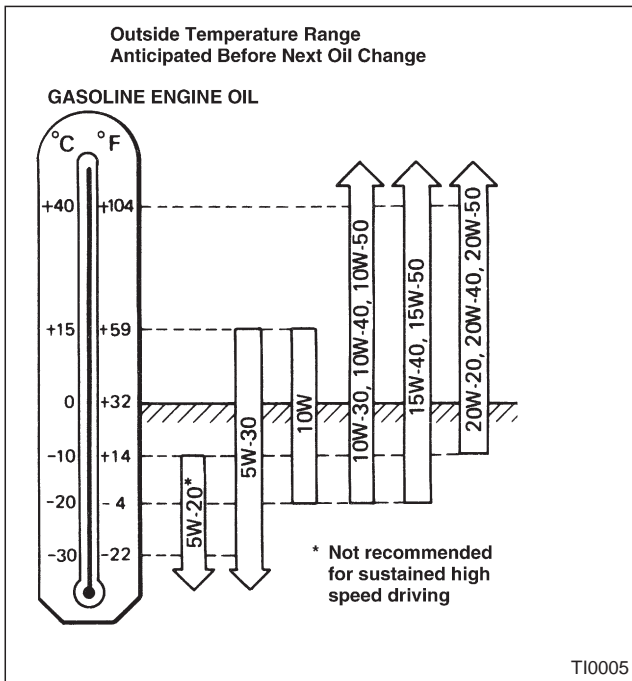
*1: For further details, see "SAE Viscosity Number".

*2: API GL-5, SAE 140 and 10% volume of LSD Friction Modifier (Part No.: 38469-C6000) is an equivalent.

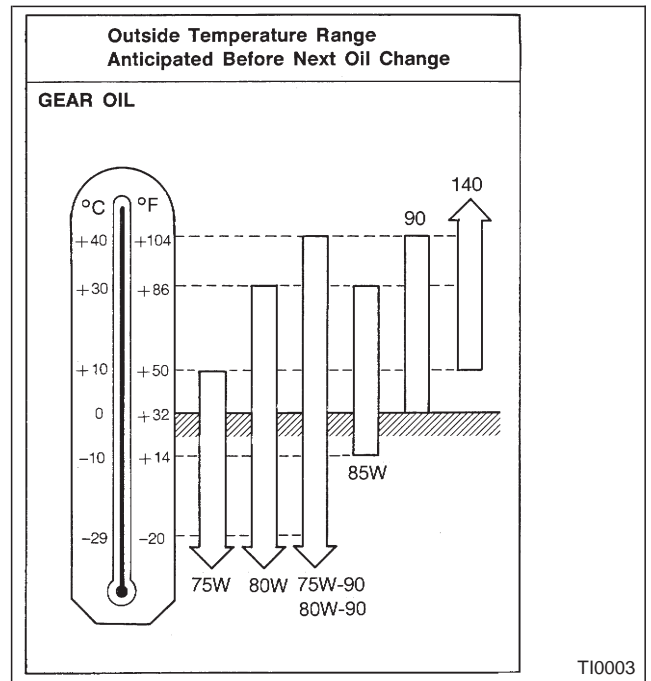
*3: Never mix DOT 3 and DOT 4. (DOT 3 is filled at factory.)

RECOMMENDED FLUIDS AND LUBRICANTS

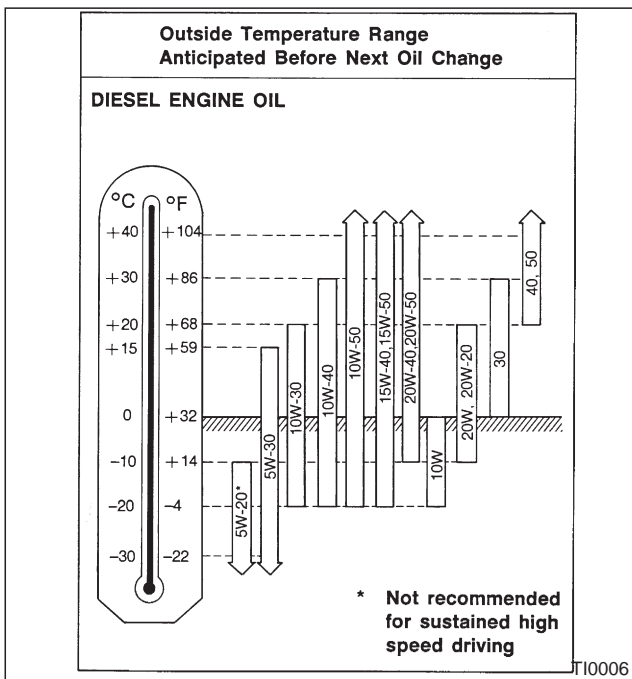
SAE Viscosity Number



- For warm and cold areas: 10W-30 is preferable for ambient temperatures above -20°C (-4°F).
- For hot areas: 20W-20, 20W-40 and 20W-50 are suitable.



- For warm and cold areas: 75W-90 for transfer and 80W-90 for differential are preferable.
- For hot areas: 90 is suitable for ambient temperatures below 40°C (104°F).



- For cold areas: 10W-30 is preferable. On turbocharger models, 5W-20 is not recommended, and 5W-30 should be used only below 0°C (32°F).
- For hot and warm areas: 20W-40 and 20W-50 are suitable.