

RECOMMENDED MATERIALS

RECOMMENDED MATERIALS

1. Recommended Materials

A: RECOMMENDED MATERIALS

1. GENERAL

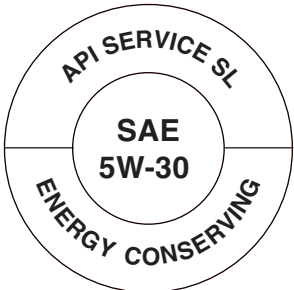
To insure the best performance, always use the specified oil, gasoline, adhesive, sealant, etc. or that of equivalent quality.

2. FUEL

Always use a gasoline of the same or higher octane value than specified in the owner's manual. Ignoring the specifications below will result in damage or poor operation of the engine and fuel injection system. Use the specified gasoline to correct performance.

3. LUBRICANTS

Use either the lubricants in the table below or equivalent lubricants. See the table below to choose the correct SAE viscosity.

Lubricant	Recommended		Alternative
	API Spec.	ACEA Spec.	
Engine oil	SL Grade "Energy conserving"  RM-00001  RM-00002	A1, A2 or A3	API: SJ
Manual transmission oil	GL-5	—	—
Front differential oil	GL-5	—	—
Rear differential oil	GL-5	—	—

RECOMMENDED MATERIALS

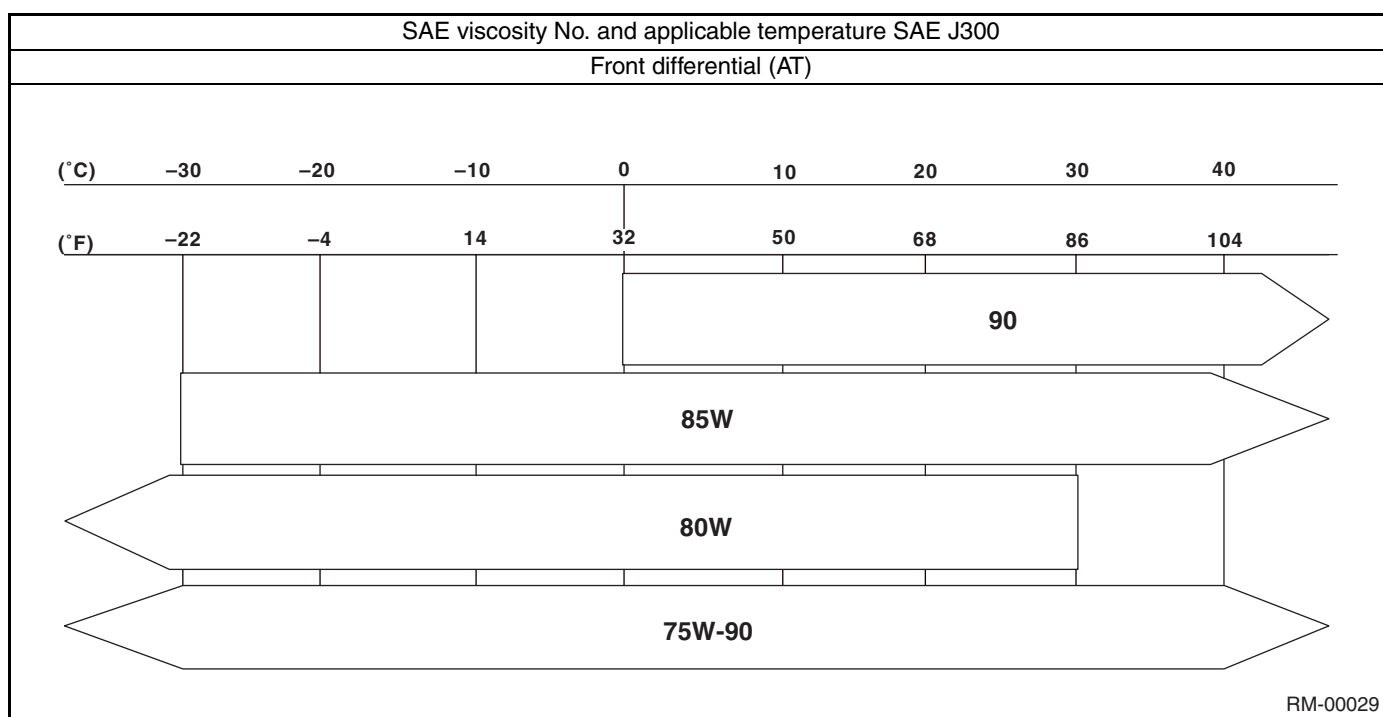
SAE viscosity No. and applicable temperature SAE J300								
Engine oil								
(°C)	-30	-20	-10	0	10	20	30	40
(°F)	-22	-4	14	32	50	68	86	104
		10W-30 or 10W-40						
	5W-30 Recommend							

RM-00003

Manual transmission oil and rear differential oil								
(°C)	-30	-20	-10	0	10	20	30	40
(°F)	-22	-4	14	32	50	68	86	104
				90				
	85W							
	80W							
	75W-90							

RM-00004

RECOMMENDED MATERIALS



4. FLUID

Use the fluids specified in the table below. Do not mix two different kinds or makes of fluid.

Fluid	Recommended	Alternative	Remarks
Automatic transmission fluid	DEXRON III	—	—
Power steering fluid	DEXRON III	—	—
Brake fluid	FMVSS No. 116 DOT3	FMVSS No. 116 DOT4	—
Clutch fluid	FMVSS No. 116 DOT3	FMVSS No. 116 DOT4	—

5. ENGINE COOLANT

Use genuine engine coolant to protect the engine.

Engine coolant	Recommended	Item number	Alternative
Coolant	SUBARU coolant	000016218	None
Water for dilution	Distilled water	—	Tap water (Soft water)

6. REFRIGERANT

Standard air conditioners on Subaru vehicles use HFC134a refrigerant. Do not mix it with other refrigerants. Also, do not use any air compressor oil except for ZXL200PG.

Air conditioner	Recommended	Item number	Alternative
Refrigerant	HFC134a	—	None
Compressor oil	ZXL200PG	—	None

RECOMMENDED MATERIALS

RECOMMENDED MATERIALS

7. GREASE

Use the grease and supplementary lubricants shown in the table below.

Grease	Application point	Recommended	Item number	Alternative
Supplementary lubricants	- O₂ sensor - Bolts, etc.	SUBARU CRC	004301003	—
Grease	MT main shaft	FX2200 clutch grease	000040901	—
	Clutch master cylinder push rod	Silicone grease G-40M	004404003	—
	- Gear shift lever - Select lever - Clutch operating cylinder - Accelerator pedal - Clutch pedal - Brake pedal - Hill holder - Clutch bearing - Clutch release lever - Steering shaft bearing	SUNLIGHT2	003602010	—
	Steering gear box	Valiant grease M-2	003608001	—
	Disk brake	Niglube RX-2	K0779GA102	—
	- Drum brake - Drum brake wheel cylinder	Molykote No.7439	003602001	—
	- Brake pad - Brake shoe	Molykote AS-880N	K0777YA010	—
	Front axle AARi	One luber C	—	—
	Front axle AC	HTBJ	—	—
	Rear axle BJ	Molylex No. 2	003601001	—
	Rear axle DOJ	VU-3A702	23223GA050	—
	- Water pump - Door latch - Door striker	Silicone grease G-30M	004404002	—

8. ADHESIVES

Use the adhesives shown in the table below, or equivalent.

Adhesive	Application point	Recommended	Item number	Alternative
Adhesive	Windshield, rear window glass, rear quarter glass, rear gate and body	Dow Automotive's Adhesive: ESSEX U-400HV or equivalent Glass primer: U-401 and U-402 Paint surface primer: U-413	—	—
	Inner rearview mirror base	REPAIR KIT IN MR	65029FC000	—
	Soft vinyl	Cemedine 540	—	3M's EC-776, EC-847 or EC-1022 (Spray type)
	Momentary sealant	Cemedine 3000	—	Armstrong's Eastman 910

RECOMMENDED MATERIALS

RECOMMENDED MATERIALS

9. SEAL MATERIAL

Use seal material shown in the table below, or equivalent.

Seal material	Application point	Recommended	Item number	Alternative
Seal material	- Cylinder block - Torque converter clutch case	Three Bond 1215	004403007	Dow Corning's No. 7038
	Transmission oil pan (AT model)	Three Bond 1217B	K0877YA020	—
	Rear differential	Three Bond 1324	004403042	—
	Rear differential	Three Bond 1105	004403010	Dow Corning's No. 7038
	Weatherstrip	Starcalking B-33A	000018901	Butyl Rubber sealant
	Steering adjusting screw	Three Bond 1102	004403006	—
	SOHC cam cap	Three Bond 1280B	K0877YA018	—