

	GROUP GEN	MODEL All vehicles equipped w/Turbo
	NUMBER 076	DATE September 2015
TECHNICAL SERVICE BULLETIN		
SUBJECT: PROPER OIL GRADE / VISCOSITY SELECTION FOR TURBO EQUIPPED VEHICLES		

This bulletin provides information related to the proper engine oil grade / viscosity to be used when servicing vehicles equipped with a turbocharger. In addition to following the Turbo-specific maintenance interval schedules, it is very important to follow the grade and the SAE oil viscosity recommendations in the applicable Service Manual to ensure the proper lubrication is delivered to the turbocharger and to prevent engine damage. **NOTE: see sample of engine oil grade / viscosity vs. temperature selection table below (similar information is also incorporated in the Maintenance Section of each model's Owner's Manual, see Page 2)**

Service notes:

1. Always make sure you check the turbo-specific oil selection information for each model/engine, and use ONLY the recommended service classification and grade for the expected operational temperature range.
2. Additionally, make sure the repair order accurately reflects the actual oil grade used.

Sample of Engine Oil Selection Table (Service Information) - Always confirm per model

- Recommendation**
 -ACEA A5 or above/5W-30
Allowed Oil Grade
 -API SL, SM or above
 -ILSAC GHF-3, GF-4 or above
 -ACEA A3, A5 or above
Allowed SAE Viscosity

TEMPERATURE RANGE OF SAE VISCOSITY NUMBERS											
Temperature	°C	-30	-20	-10	0	10	20	30	40	50	
	°F	-10	0	20	40	60	80	100	120		
Allowed SAE Viscosity Grade							20W-50				
					15W-40						
				10W-30							
		5W-30, 5W-40									

File Under: GENERAL

- Circulate To:** General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

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*** NOTICE**

For best performance and maximum protection during all types of operation, select only those lubricants which:

1. Satisfy the requirement for API, ILSAC or ACEA classification.
2. Have proper SAE grade number for expected ambient temperature range.
3. Lubricants with neither SAE grade number, API, ILSAC and ACEA service classifications on the container should not be used.

Sample of Engine Oil Selection Table (Owner’s Manual) - Always confirm per model

Temperature Range for SAE Viscosity Numbers									
Temperature	-30	-20	-10	0	10	20	30	40	50
	-10	0	20	40	60	80	100	120	
Engine Oil (MPI/GDI) *1	10W-30								
	5W-20, 5W-30								
Engine Oil (Turbo GDI) *2	5W-30, 5W-40								