

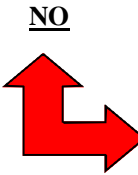
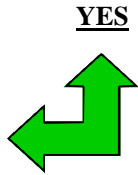
**RECOMMENDED SERVICE**  
**9/5 4 cylinder models 1999-2003 and 9/3 models 1999-2002, 2003 CV**

1. Test oil pressure, test crankcase vent system, evaluate timing/balance chains and document results.

OK?



2. Flush engine with Amsoil Engine Flush, check oil pan for sediment.  
 (Also See #11)  
**Sludge present?**



**YES**  
Go to #8

8. Remove engine oil pan, clean out pickup screen & oil pan, inspect balance chain and timing chain, check main and rod bearing condition/clearances. Install debris accumulator oil pan.  
**OK ?**



- 3. Add Amsoil 5w40 Euro spec oil, change at 5000 mile intervals\*\*
- 4. Have original engine oil lab tested (www.oilmedic.com) or Andrews Inc. can broker test for you if the car is in our shop.
- 5. If the results of the oil testing show abnormal levels of metal content, etc., seek preventative care to head off major engine failure.
- 6. If the results of the oil testing show normal levels of metal content, etc. continue 5000\*\*mile oil changes using the Amsoil 5w40 oil year round.
- 7. Flush engine oil system by machine every major mile service interval hereafter and have oil pressure tested to verify general engine health.

**YES**  
 9. Machine flush engine oil system, retest engine oil pressure. Inspect oil screen. If in spec, and screen clean go to #6, no oil test needed at this time.  
 (See also #11)

**NO**  
 10. Repair engine as needed, flush engine by machine, test oil pressure, inspect oil screen, go to #6, no oil test needed at this time.  
 (See also #11)

11. Other possible services needed:
- a) Crankcase vent hoses and oil separator update
  - b) Engine oil cooler thermostat change (Seasonal in northern climates)

\*\*Oil change intervals may be extended beyond 5000 miles as indicated by oil analysis results from your car.