

BUY ONLINE

SAVE UP TO 25% **ALOG**



# PROTECT NOW OR PAY LATER

LOW-SPEED PRE-IGNITION (LSPI) IS A POTENTIALLY CATASTROPHIC PROBLEM SURFACING IN TODAY'S ENGINES.



*The First in Synthetics*®

\*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

[Order by Phone 1-800-956-5695](tel:1-800-956-5695) - Give Operator Reference #1936352

# CRACKED PISTONS. BROKEN RODS. LSPI SPELLS TROUBLE.

Most new engines feature gasoline direct-injection (GDI), often coupled with a turbocharger. These technologies heighten the possibility of a form of engine knock called low-speed pre-ignition (LSPI), which can destroy pistons and connecting rods. Properly formulated motor oil is critical for protecting engines from LSPI.

AMSOIL OE, XL and Signature Series Synthetic Motor Oils achieved **100 percent protection against LSPI\*** in the engine test required by GM's dexos1® Gen 2 specification—zero occurrences were recorded throughout five consecutive tests.



Example of piston damage due to an LSPI event observed during the testing of a competitor's motor oil. The red arrows indicate sections of the ring land that have broken away from the piston.



Learn more and buy at  
[amsoil.com/lspi](https://www.amsoil.com/lspi)



## OE Synthetic Motor Oil

- Achieved **100 percent protection** against LSPI\*
- **Controls** wear
- **Fights** sludge and deposits
- **API licensed** to meet the requirements commonly found in owner's manuals

\* Based on zero LSPI events in five consecutive tests of AMSOIL Signature Series, XL and OE 5W-30 Motor Oil in the LSPI engine test required by the GM dexos1 Gen 2 specification.

All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

Order by Phone 1-800-956-5695 - Give Operator Reference #1936352