



On the Horizon

A World of Lubrication Understanding

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Savant Labs Add Seal Compatibility Testing



With the increasing industry demand, Savant Labs has recently added the capability to perform seal, (also called elastomer), compatibility testing. Seal compatibility testing is an important element of oil specifications to ensure that oil formulations are compatible with the gasket and sealing materials used in modern vehicles.

This testing involves a meticulous process of cutting and soaking a standardized sample of the seal material in oil for a specified number of hours at a specified temperature. Once the soak phase is complete, the elastomers are tested for tensile strength, elongation, hardness, and volume swell and compared to the limits in the relevant specification. The data undergoes a rigorous quality review process and approved reference oils are also used. The reports are prepared according to the method guidelines.

There is currently capacity available for additional samples and testing projects to meet upcoming deadlines. [Contact us](#) to schedule a test project.

Currently, Savant Labs can offer:

API SN / ILSAC GF-5 specification testing by ASTM D7216

API CK / FA-4 specification testing by ASTM D7216

GM dexos 1™ seal compatibility tests

GM dexos 2™ seal compatibility tests

CEC L-112 ACEA Seal Compatibility Testing

Join Us at STLE in Atlanta



Savant Labs will be exhibiting in the Savant Group booth # 712 and #714 at the 72nd Annual STLE meeting in Atlanta next week. Please stop by and ask about our new elastomer compatibility testing.

Can you keep a secret? I hope not! Savant Labs will have a new updated website VERY soon!

SavantLab.com

[Request A Quote](#)

[Test List](#)

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