

Testing Services – *Elastomer/Seal Compatibility* ISO/IEC 17025:2017 Accreditation

Extend Your Lab Capabilities

Savant Labs are a world-class independent testing laboratory and research center offering standardized and custom-designed lubrication specification testing for passenger cars, heavy-duty diesels, locomotive, turbine power generation, and many other applications.

Our in-depth approach to testing, research and understanding of lubricant applications has led to the solution of critical industry challenges as well as the development of new approaches to measuring physical and chemical properties of lubricating oils.

We can help you:

- Meet industry and OEM specifications
- Evaluate performance of new blends
- Perform quality control monitoring
- Identify and solve fluid problems



Savant Labs

4800 James Savage Rd.
Midland, MI, USA 48642

savant@savantgroup.com

P: 989-496-2301

FORM No.23-4

PASSENGER CAR – API SN/ILSAC GF-6A/GF-6B

Method	Test Description
ASTM D7216	GF-6 Elastomer Compatibility, ACM, Polyacrylate
ASTM D7216	GF-6 Elastomer Compatibility, FKM, Fluoroelastomer
ASTM D7216	GF-6 Elastomer Compatibility, HNBR, Nitrile
ASTM D7216	GF-6 Elastomer Compatibility, MAC, Ethylene Acrylate
ASTM D7216	GF-6 Elastomer Compatibility, VMQ, Silicone

PASSENGER CAR – API SN/ILSAC GF-5

Method	Test Description
ASTM D7216	GF-5 Elastomer Compatibility, ACM, Polyacrylate
ASTM D7216	GF-5 Elastomer Compatibility, FKM, Fluoroelastomer
ASTM D7216	GF-5 Elastomer Compatibility, HNBR, Nitrile
ASTM D7216	GF-5 Elastomer Compatibility, MAC, Ethylene Acrylate
ASTM D7216	GF-5 Elastomer Compatibility, VMQ, Silicone

HEAVY DUTY DIESEL – API CK/FA-4

Method	Test Description
ASTM D7216	HDD Elastomer Compatibility, ACM, Polyacrylate
ASTM D7216	HDD Elastomer Compatibility, FKM, Fluoroelastomer
ASTM D7216	HDD Elastomer Compatibility, MAC, Vamac
ASTM D7216	HDD Elastomer Compatibility, NBR, Nitrile
ASTM D7216	HDD Elastomer Compatibility, VMQ, Silicone

GM DEXOS 1:2015

Method	Test Description
ASTM D7216	GM dexos 1:2015 Seal Compatibility, ACM, Polyacrylate
ASTM D7216	GM dexos 1:2015 Seal Compatibility, FKM, Fluoroelastomer
ASTM D7216	GM dexos 1:2015 Seal Compatibility, HNBR, Nitrile
ASTM D7216	GM dexos 1:2015 Seal Compatibility, VMQ, Silicone

GM DEXOS 2

Method	Test Description
ASTM D7216	GM dexos 2 Seal Compatibility, ACM, Polyacrylate
ASTM D7216	GM dexos 2 Seal Compatibility, HNBR, Nitrile
ASTM D7216	GM dexos 2 Seal Compatibility, VMQ, Silicone
CEC L-39	GM dexos 2 Seal Compatibility, RE1, FPM

ACEA

Method	Test Description
CEC L-112-16	Elastomer Compatibility, RE6, FKM, Fluoroelastomer
CEC L-112-16	Elastomer Compatibility, RE7, ACM, Polyacrylate
CEC L-112-16	Elastomer Compatibility, RE8, HNBR, Nitrile
CEC L-112-16	Elastomer Compatibility, RE9, AEM, Ethylene Acrylic