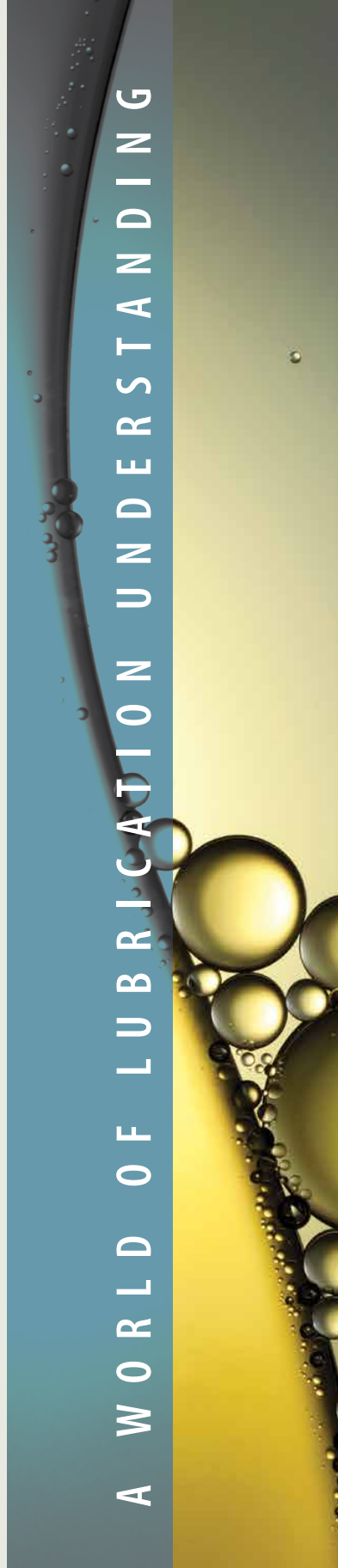


SAVANT LABS

SAVANT®



A WORLD OF LUBRICATION UNDERSTANDING



Savant Labs

A World of Lubrication Understanding

Extend Your Lab Capabilities

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

But we don't stop there...

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. In fact, our laboratories developed several key engine oil bench tests that are now industry requirements such as the Tapered Bearing Simulator (TBS™) Viscometer for high temperature, high shear (HTHS) viscosity, Scanning Brookfield Technique™/Gelation Index and TEOST® tests. This knowledge base and experience has helped us to become the leader not only in lubrication testing and research, but in guidance and consulting for a variety of sectors in the industry. We make this wealth of experience and knowledge available to you.

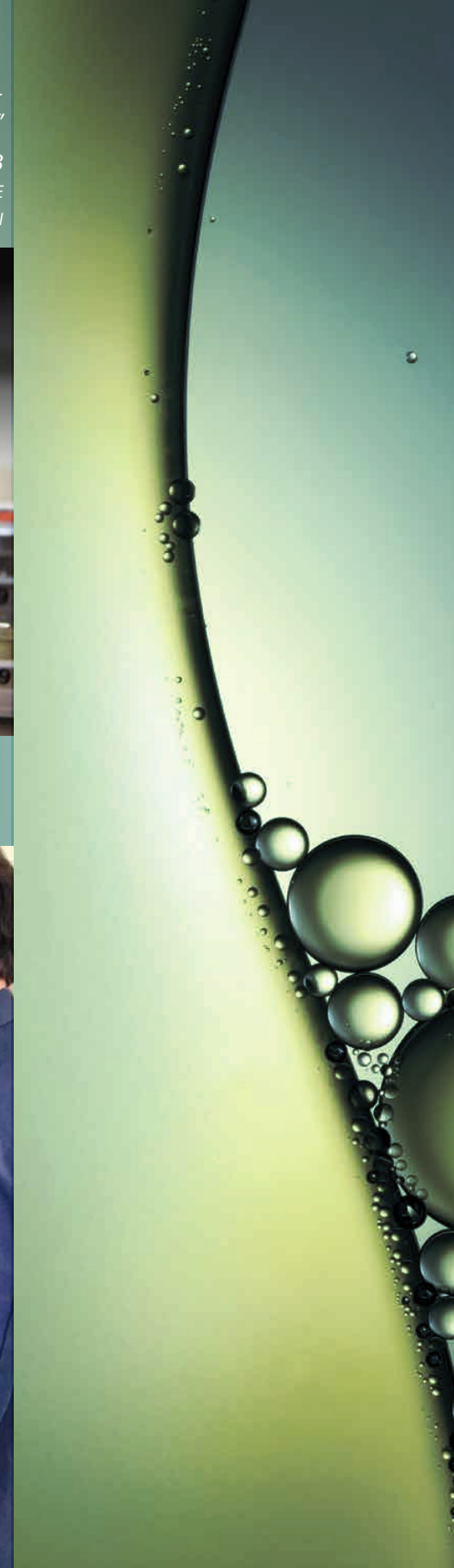
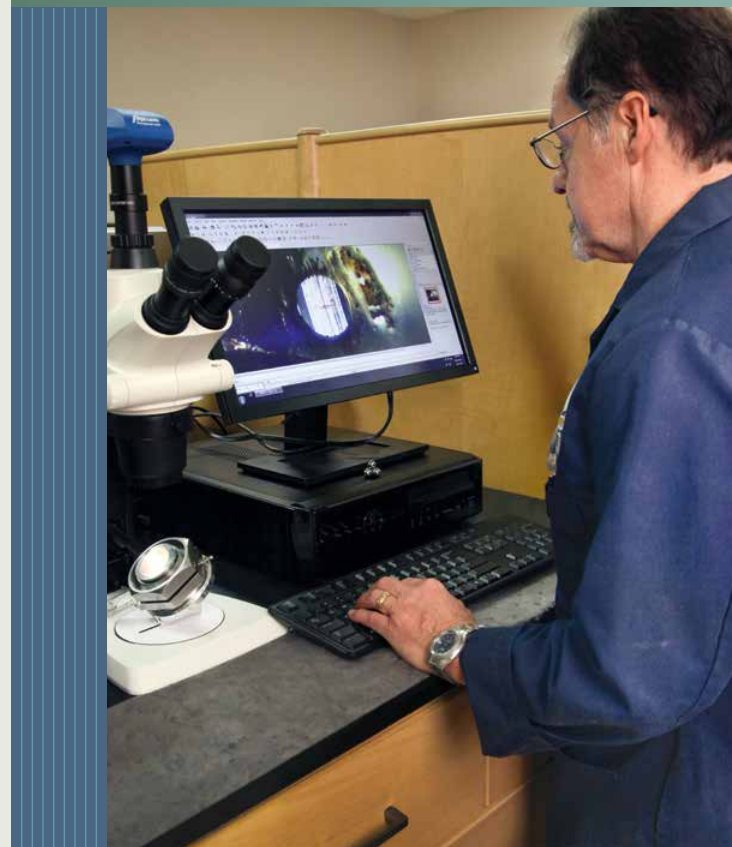
We can help you:

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

"SAVANT HAS PROVIDED EXCELLENT ANALYTICAL SERVICES. THE GOOD WORK IS MUCH APPRECIATED."

—BETH SCHWAB

SR. ADVISOR, ENGINE OIL CUSTOMER TECHNICAL SERVICE
AFTON CHEMICAL CORPORATION



Put Our Expertise to the Test

Savant Labs performs a wide range of analytical testing on *engine oils, transmission fluids, turbine oils, gear oils* and other *industrial lubricants*. Our testing is conducted according to ASTM and other international standard test methods requested by our customers.

As a leading world-class testing facility, we specialize in quality assured bench testing of lubricants for meeting the latest industry standards and specifications such as SAE, API, ILSAC, ASTM, CEC, ACEA, ISO, and EI. Our bench testing includes the following:

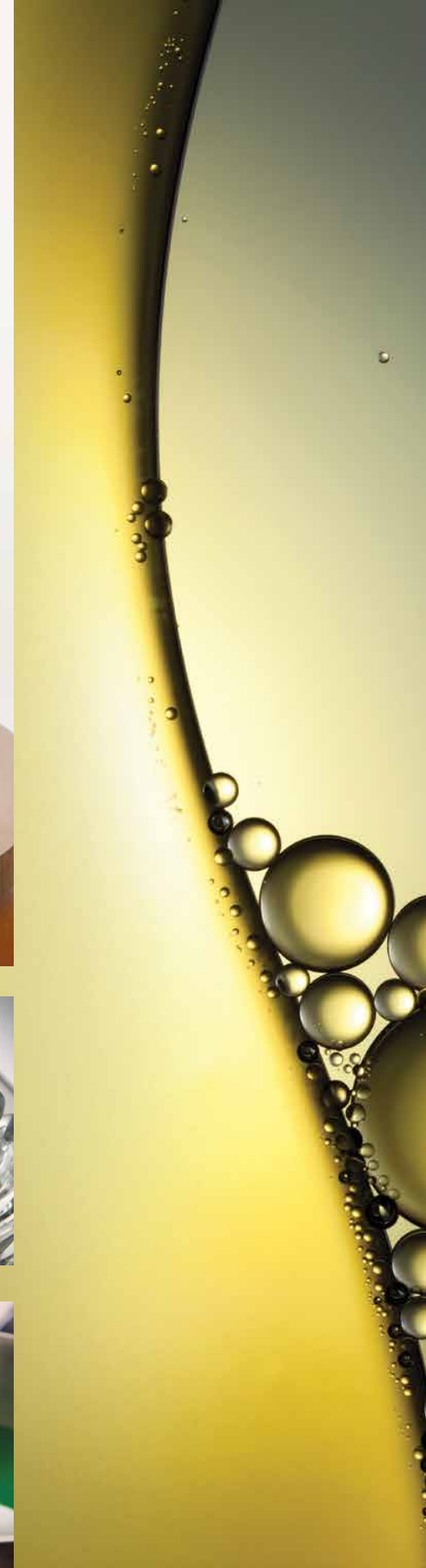
- Standardized and custom-designed testing
- Lubricant specification testing
- Analytical and quality assured bench tests
- Consulting and guidance
- Custom research and testing projects

More and more enterprises rely on Savant's testing data to drive business and formulating decisions—from long-term strategic plans to daily standard operating procedures. Savant provides unequivocal testing at competitive pricing with a choice of turn-around times, plus the data is reported to your specifications—from informative graphics and tables to EDT reporting.

"SAVANT'S ABILITY TO OFFER CHARACTERIZATION EXPERTISE, FLEXIBILITY AND FAST TURNAROUND TIME IS UNPARALLELED IN THE INDUSTRY. THEY AREN'T JUST AN EXTERNAL LAB COLLECTING DATA FOR US, THEY ARE OUR RESEARCH PARTNER."

—KENN BOUCHARD

*POLYGLYCOLS, SURFACTANTS, & FLUIDS R&D/TS&D
THE DOW CHEMICAL CO., PERFORMANCE FLUIDS*





QUALITY · PRECISION · EXPERTISE
ACCURACY · UNDERSTANDING
PROFESSIONAL · CONSULTING
GUIDANCE · RESEARCH · VISION
INNOVATION · ACCESSIBILITY
ANALYSIS · INFLUENCE · CREATIVITY

Because Quality Matters From Beginning to End

Quality is the epicenter of all we do, and our reputation is the evidence. From the time your sample enters our laboratory until its final disposition, our chemists and technicians treat it as the valuable, and often irreplaceable, data source that it is.

Our team measures critical high-quality lubricant properties using innovative equipment and the most rigorous ASTM applications and other industry standard test methods. Experts listen to your objectives and determine the best course to fully meet your analytical needs. The results are accurate testing data delivered on time in an electronic format for easy interpretation.

Compliance & Certification Programs

- ISO/IEC 17025:2017 Accredited by Perry Johnson Laboratory Accreditation Inc. for Chemical and Mechanical Testing
- ISO 9001:2015 certified by ABS Quality Evaluations, Inc.
- Authorized lab for National Marine Manufacturers Association oil certification testing
- Technical input provider for, and participant in, the ASTM Interlaboratory Crosscheck Program
- ASTM Test Monitoring Center Instrument Certification program participant
- Involved in numerous subcommittees of ASTM Committee D.02 on Petroleum Products and Lubricants

Savant holds itself to a high level of quality which has come to be expected by our customers—from regular instrument calibration and maintenance to meticulous reference values and control chart monitoring. High expectations apply to our staff's skill level as well. A quality control specialist reviews your data before reporting and we stand behind our results. If you have questions, we quickly provide the answers.



About Savant Labs:

CONTACT INFORMATION:

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P: 989-496-2301
F: 989-496-3438

Submit Test Scheduling to:
savant@savantgroup.com

website:
www.savantlab.com

A member of the *Savant Group* of companies, Savant Labs is a leading oil and lubricant specification testing laboratory and research facility in the United States for petroleum and additive producers, small and large lubricant blenders, and original equipment manufacturers. From their headquarters in Midland, Michigan, chemists and researchers conduct basic to groundbreaking testing, which has contributed to raising the industry standards bar around the world.

Savant Group is comprised of four independent ISO 9001:2015 certified corporations working in the lubricant industry.

The collective contributions of the *Savant Group* companies over the last 45 years have made them an influential and unmatched resource that has been awarded over 40 U.S. patents for lubricant test methods and high-precision test instruments with well over 200 technical publications presented world-wide.

The Savant Group Companies:

Savant Labs

Independent testing laboratory and research center for standardized and custom-designed testing of engine oils, transmission fluids and other industrial lubricants

Tannas Co.

Designer and manufacturer of precision bench-top instruments for routine and research laboratory testing of engine oils, lubricants and related fluids

King Refrigeration, Inc.

Manufacturer of low-temperature laboratory instruments for routine and research testing of engine oils, lubricants and related fluids

Institute of Materials, Inc.

Independent lubricant database provider of objective engine oil performance test data