

The **CAM2 ASSURE** program is a defined quality management and performance assurance program developed specifically by and for CAM2. This program is designed to establish an ongoing and dynamic process to assure our customers that every gallon of CAM2 lubricants sold and/or used anywhere in the world will meet and often **exceed the performance levels designated for the product** independent of where the product is manufactured. Additionally, this program will be used to insure the continued reputation of CAM2 as a premium quality, high performance brand in the marketplace.

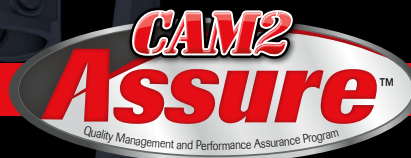
All of CAM2's manufacturing facilities include onsite laboratories equipped with the most modern test equipment available and staffed with highly trained and qualified CAM2 personnel. CAM2 on-site Quality Assurance Managers are responsible for developing, managing, and implementing the **CAM2 ASSURE** program. Because of the large investment we have made in fully equipping our labs with the latest technology, we are able to certify that every batch of product manufactured by CAM2 will meet or exceed the assigned specifications for viscosity, cold crank, NOACK volatility, Brookfield Viscosity, Nitrogen Content, and Additive Levels.

CAM2's race proven motor oils meet and exceed all the requirements of all the major domestic and international car manufacturers and are ideal for today's sophisticated and technologically advanced engines even under the toughest conditions. CAM2 manufactures and markets lubricants that meet the current API specifications and ILSAC approvals. CAM2 is so proud and confident of the quality of our products that for the last fourteen years CAM2's licensed API & ILSAC passenger car motor oils have been backed with a 300,000 mile limited engine warranty program (www.CAM2.com/warranty).

TO OUR CUSTOMERS

All members of the CAM2 Team are supportive of our ethics statement and understand and fully support our commitment to provide customers with the best product they can buy each and every time.

The **CAM2 ASSURE** program is an integral part of our total product assurance program and is designed to protect and enhance our valuable brand by insuring we develop, manufacture and deliver to our customers the premium quality products they expect each and every time regardless of where they are sourced.



www.CAM2.com
1-800-338-CAM2

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Exceeding Expectations because Quality and Performance are #1

THE CAM2 ASSURE PROGRAM AT ALL STAGES OF THE MANUFACTURING PROCESS

PRODUCT DEVELOPMENT

In the development phase of a product, CAM2's marketing, product development, and quality/manufacturing personnel work closely with the top additive companies to make sure the products we develop to manufacture and sell will meet and/or exceed the performance, quality and competitive market cost expectations of our customers.

PRE-MANUFACTURING

Before any product is manufactured our quality management team :

- Verifies that our proprietary and third party facilities manufacture our products in secure systems dedicated to product family, assuring us and our customers of no cross contamination between incompatible product lines and that the product will be thoroughly tested at all stages every time it is manufactured.
- Develops a detailed product manufacturing formulation, a specific manufacturing procedure and appropriate quality assurance testing procedures specific to the product.

MANUFACTURING

Any facility approved to manufacture a CAM2 branded product will have a full time CAM2 quality management employee placed on-site by CAM2.

In addition, facilities manufacturing CAM2 product must operate using rigid and detailed operational and quality control procedures approved by CAM2's Quality Control Team. Procedures include:

- Approval of all raw materials and formulations to be used before any production is started
- Monitoring and testing of the production process during and after final production, including the packaging phase
- Segregation of product families in transporting and loading

These necessary steps insure that every gallon of CAM2 product, bulk or packaged, is manufactured on specification and meets the appropriate performance levels.

QUALITY ASSURANCE/LAB

All facilities manufacturing a CAM2 branded product will have a **CAM2 ASSURE Certified Laboratory** with full time on-site CAM2 quality management personnel. A CAM2 Assure Certified Laboratory meets the following criteria:

- 1) It is equipped with state-of-the-art testing equipment
- 2) The lab is staffed with trained professionals
- 3) The annual inspection and ongoing round-robin testing shows that the correct operating procedures are properly and consistently used and equipment is always correctly calibrated.

CAM2 International's Hammond, IN and Roseland, LA quality laboratories are ISO 9001 Certified facilities for the design & manufacture of petroleum products. Hammond, IN is also an approved manufacturing facility for the blending and packaging of military engine oils for the United States military.

CAM2's ISO 9001 certified facilities use the following test methods:

TEST METHOD	ASTM METHOD
Nitrogen	ASTM D4629
Nitrogen	ASTM D5762
Viscosity @ 100°C	ASTM D7279
Viscosity @ 40°C	ASTM D7279
Viscosity Index	ASTM D7279
Cold Crank (Viscosity, Pa-s)	ASTM D5293
Brookfield Viscosity (Viscosity, cP)	ASTM D2983
NOACK Volatility (Evaporation Loss, mass%)	ASTM D5800
X-Ray (Elemental Analysis, ppm)	ASTM D6481
Specific Gravity	ASTM D4052
Pour Point	ASTM D5949
ICP (Elemental Analysis, ppm)	ASTM D4951
Flash Point (Cleveland Open Cup)	ASTM D92
Flash Point (Pensky Martens Closed Cup)	ASTM D93
Color	ASTM D1500
Particle Count	ASTM D4438
Demulsibility (Water Separability)	ASTM D1401
MRV (Yield Stress/ Apparent Viscosity)	ASTM D4684
Hi-Temperature/ Hi-Shear (HTHS) (Meets SAE J300 Specification)	ASTM D5481
Hi-Temperature/ Hi-Shear (HTHS) (Meets SAE J300 Specification)	ASTM D4741
Karl Fisher	ASTM E203

100 YEARS
*of combined experience
 in product management,
 formulation,
 laboratory analysis,
 and analytical testing*

