



**Don't
let it happen
to you!**

Oil thickened into a glue-like mass by the cold—the starter churns and churns, but the motor won't start—and what's the result? A missed appointment, towing expense and battery recharge costs.

It all can easily be avoided. Just fill your crankcase with 20-W Sunoco Motor Oil (before you get caught). It helps starting even at zero, and it provides instant lubrication. Car manufacturers recommend 20-W.

(Postiac 10-W)

**20-W
SUNOCO
MERCURY MADE
MOTOR OIL**

Makes ZERO starting easy!

Noted automotive engineer;
co-designer and manufacturer
of the first Chevrolet
Motor Car . . .



Louis Chevrolet

drove 5009.6 miles

**to prove to you
the durability
and remarkable**

**lubricating
value of**

**20-W
SUNOCO
MERCURY MADE
MOTOR OIL**



**"I was doubtful that such
a performance could
be completed successfully..."**

SIGNED

Louis Chevrolet

BUT HE DID IT...!

The value of Sunoco 20-W Motor Oil as an aid to easy starting has already been proven. However, some motorists have been skeptical as to the lubricating safety of such a light oil. The results of this test convincingly remove such doubts!

**20-W
SUNOCO
MERCURY MADE
MOTOR OIL**



**A. A. A. SANCTIONS AND
SUPERVISES COMPLETE TEST**

From start to finish, every detail of this test was conducted under the direction of the Contest Board of the American Automobile Association. Sanctioned Test No. 3133.

COMPLETE DETAILS ON INSIDE PAGES

GRUELLING 5009.6 MILE ROAD TEST PROVES SUNOCO LIGHT WINTER OIL (20-W) INSURES . . .

Original 5 Qts. of Oil Stands Up 5000 Miles

Beginning November 6th, and ending November 17th, a 1934 Chevrolet with an especially prepared motor was driven over five thousand miles by Mr. Louis Chevrolet, accompanied by an authorized and official A. A. A. Contest Board observer, at an average speed of 42 miles an hour, through 13 states, including Florida. During the 12 days not one drop was added to the orig-



H. H. Allen, the A. A. A. official, measuring the Sunoco 20-W oil used in the test. The oil was purchased at three different Sunoco stations, selected at random by Mr. Allen, and five quarts were put in the crankcase.

inal 5 quarts of Sunoco 20-W Mercury Made Motor Oil. You must not assume that your car will give this same exceptional mileage, nor should you take it for granted that any other make of lubricant will perform as well as Sunoco Mercury Made 20-W Motor Oil.

Crankcase Sealed at Start of Run by A. A. A.

After the oil was put in the car, the breather tube and bayonet gauge were both sealed, making it impossible to get into the lubrication system of the motor without breaking the seals.

Test Covers Mountains and Plains

A route including all the highway conditions a Sunoco customer is likely to encounter was deliberately planned;

across the mountains from Philadelphia to Pittsburgh, then on through Fort Wayne and Detroit and back to the East and finally south to Miami and return—5009.6 miles.

Motor Especially Prepared to Prevent Oil Leaks

Engineers all agree that much oil consumption is due to leakage past pistons and seepage past gaskets. Therefore to stop all such waste of oil, this new Chevrolet motor was equipped with special piston rings and a special breather pipe; all gaskets were new and fitted with particular care, and the oil pan flange was especially prepared to insure a snug fit.



Louis Chevrolet and H. H. Allen at the Cabitol in Washington, D. C., on their way south to Miami in the 1934 Chevrolet Master Six.

- (1) High lubricating security.
- (2) Absolute protection to motor.
- (3) Long-lasting qualities

Louis Chevrolet Says:—

"This test was made on Mercury Made Sunoco 20-W oil, but it by no means follows that any 20-W oil will give the same performance. In fact, I know that no oil of poor quality could come anywhere near equalling this Sunoco performance.

"Garage men and dealers judge an oil mostly on account of thickness, regardless of quality. This test has proven to me that an oil does not have to be thick to be good for lubrication and lasting qualities. This test has also proven that the recommendation of car manufacturers to use 20-W oil for temperatures averaging as low as zero, is the best contribution that has been made to the right kind of lubrication in Winter, because



H. H. Allen determining the specific gravity and temperature of a sample of the oil drawn from the crankcase after the test.

undoubtedly this oil will permit motors to start much quicker, and will give 100 per cent lubrication as well as lasting qualities. These results prove something that most motorists believed could not be done with such a light oil.

"After the test was completed, the oil pan was taken out and the cylinder head, pistons and connecting rods removed for inspection, in the presence of the Contest



Illustration shows clean condition of cylinder head after 5000 miles run.

Board representative. Bearings, pistons and rings were in excellent condition . . . even showing less than normal wear for that mileage. The piston heads showed very little carbon; in fact, practically none!

"This proves beyond question the unusual lubricating value of this light winter oil; furthermore, this test demonstrated the long-lasting qualities of Sunoco 20-W in a leak-proof motor.

"The oil remaining at the end of the run was in excellent condition, and there was enough left to give safe lubrication for several hundred miles more."

Louis Chevrolet