

Oiling Matters!

Way back in the late twenties Scotts drilled a hole in the crank joining the recess in the back of the crank to the big end pin, and a small oilway in the big end bush. The theory was that oil fed to the mains would spill into the groove and be force fed to the big end via this oilway.

During the manufacture of the 700S engines we began to twig that this system was suspect. Whilst working with me, Rob Sewell, who was a very talented lad, suggested we do a test. So, we set up a Scott crank in a lathe with a white paper immediately behind it. Ran the lathe at 3000rpm and ALL the oil dripped out of the cup into the recess. When that was full, it sprayed up the white paper in a very neat line. There was hardly any from the front, just a few random spots. By now it was eight o'clock, so it was time to retire and reflect.

In the morning Rob came in all smiles. "Got it!" he said. Think of a trough, raise one end, and ask "Where will all the water go?" So we put a 700 crank up, gave it the same test and got the same result. Took it to the machine shop, had the groove timed to the bottom end pin and set it .030" out of centre, took a light skim.

We retested and all the oil came through the front up the oilway, just a few spots out of the back. Sometimes simple is best.

Is it possible to grind the groove, very tight for a stone, the oil on a Vintage engine is not so critical (emission wise). From the above the oil is being sprayed about and will collect in the well with the rod dipping in, but fed through the wall by the oilway, it's not.

George Silk

The Scott Owners Club - Southern Rally - 9 – 11st August 2019

A weekend of Scott activities at Feldon Lodge conference centre (address below) with accommodation and full catering for those who require it, and variations available for those with a motor home, camping, or only able to visit for part of the weekend. Scott and Silk owners, and enthusiasts, welcome, as is any other make of motorcycle or classic vehicle. The event is planned as follows.

Friday

From 3 pm. Check into rooms. Mingle with other guests. At 6.30 pm dinner (typically fish, chips, peas and sweet) in the dining hall, followed by a Scott quiz in the lounge provided by Glyn Chambers.

Saturday

8.30 am. Continental breakfast in the dining hall

10 am. Gather for the run of approximately 30 plus miles, stopping for lunch at 12.30 at "The Shed" Ivor (Bugatti) Dutton's personal workshop. Return to Feldon Lodge at around 4.00pm. Packed lunch provided for those with "full catering" (sandwich or roll, fruit / sweet bar / drink). For non-riders we suggest an outing using own/shared transport. Recovery on hand for riders. Arrangements will be made for non-riders who also wish to join the workshop visit. 6.30 pm. Dinner (full roast meal) in the dining hall, followed by musical entertainment and a talk by Roger Moss in the lounge.