

Untitled

Steve

Joined: 08 May 2005

Posts: 28

Location: Derbyshire

Posted: Sat Dec 22, 2007 4:57 pm Post subject: leaky gearbox mainshaft

I have a slight to not so slight problem with oil leaking from the gearbox mainshaft on my 1936 flyer, I am sure it is a common problem but not one I have had to deal with myself before so I would greatly appreciate the advice of those more knowlegable than myself, many thanks
Steve

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chstorm

Joined: 02 Aug 2004

Posts: 88

Location: Oslo, Norway

Posted: Sat Dec 22, 2007 9:56 pm Post subject:

First a (maybe silly) question: Have you filled oil up to the correct level? There is a hexagon screw in the front end of the r.h. side of the gearbox, -an oil level plug. Before filling with oil, you unscrew this plug. If oil is running out, you have filled too much. Else refill until oil comes out of the hole, and let it run until no more is coming out. Then refit the plug. I had an oil leak from the gearbox on my '36 flyer, and discovered that the oil level was too high. With the correct level - no more leak! You also need to use a sufficiently heavy oil. A SAE140 straight (no hypoid) gear oil (Shell Dentax) is OK. It has a "body" similar to a SAE 50 monograde engine oil. If the oil is too thin, it will splash about a lot more than a heavy oil. Personally I use Castrol R40, which may sound a bit exotic, but it adheres beautifully to all internal surfaces in the gearbox.

If this does not help, it is possible to fit a modern oil seal. I have had that done on my '38 flyer in connection with a recent gearbox and clutch overhaul. I am certain that Roger Moss, who helped me, can steer you in the right direction.

Kind regards,

Carl

Carl Henrik Stormer

Oslo, Norway

Scott TT Replica 1930

Scott DPY Flying Squirrel 1936

Scott DPZ Flying Squirrel 1938

Brum Scott Flying Squirrel 1958

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Steve

Joined: 08 May 2005

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Posts: 28

Location: Derbyshire

Posted: Sun Dec 23, 2007 10:44 am Post subject: leaky gearbox

many thanks chstorm will contact roger

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Erik

Joined: 10 May 2005

Posts: 410

Location: Moerdijk, The Netherlands

Posted: Sun Dec 23, 2007 3:57 pm Post subject:

My Flyer gearbox also has a seal fitted and does not leak a drop.
So it might be a worthwhile conversion.