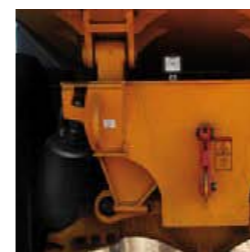


Statoil's Environmentally Adapted Hydraulic Oils

A world-class product range

www.statoillubricants.com



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The best technology goes hand-in-hand with first class environmental properties

Now you no longer need to compromise. Statoil's new range of environmentally adapted hydraulic oils has high performance combined with environmentally friendly characteristics. Regardless of how environmentally friendly a product is, it only makes a positive contribution if it does the job it is supposed to. Statoil has found the solution. Let us introduce to you a range of hydraulic oils that focus both on high performance and the environment.

HydraWay Bio SE 46

Our new fully synthetic series of ester based oils for forestry and construction machinery among other applications. These products offer rapid air release and good low temperature properties. Unlike products using rape seed oil, this product does not form deposits on the machine.

HydraWay Bio SE 32-68

A hydraulic oil tailor-made for the tough conditions to which modern forestry machinery is subjected. It has a very rapid air release, which is particularly important for small oil tank volumes with large turnover.

For HydraWay Bio SE 32-68, air release, therefore, is significantly less than a minute. The viscosity is particularly well suited to offer an optimum temperature range for northern climate. Very good oxidation stability and improved hydrolytic stability ensures a long service life in the system. It also manages a broad temperature range.

HydraWay Bio SE 68

A fully synthetic ester-based oil for hot applications, such as asphalt surfacing machines. The oil provides financial savings through increased reliability and better system availability.

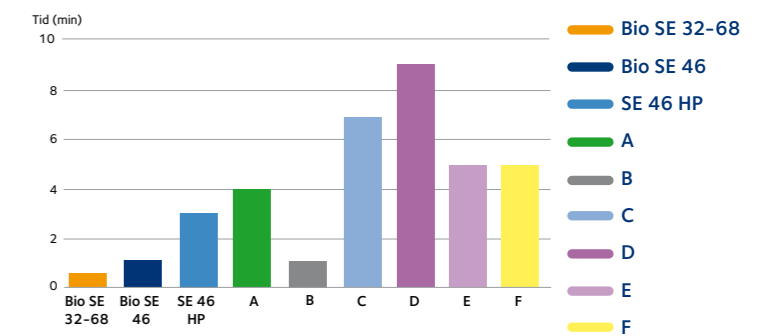
HydraWay SE 46 HP

HydraWay SE 46 HP is a saturated, fully synthetic ester with a multiple service life. This is our most advanced hydraulic oil which, among other things, is extremely good at resisting oxidation and hydrolysis (chemical breakdown in the presence of water). Naturally, this oil also has rapid air release and good low temperature properties, while also being able to cope with a wide temperature range. HydraWay SE 46 HP is also excellent for industrial applications

HydraWay SE XLV

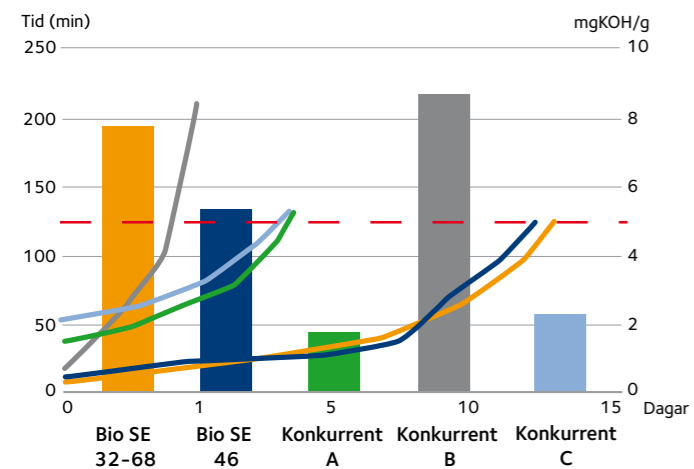
This product is mainly developed to ensure full function in severe cold. One example is door hydraulics within the hydroelectric power industry. Rapid air release and a long service life are other important properties.

Luftavskiljning



Rapid air release is an increasingly important property for ensuring good function in modern hydraulic systems. Smaller oil volumes and higher system pressures reduce the resting time of the oil.

Service life unsaturated esters

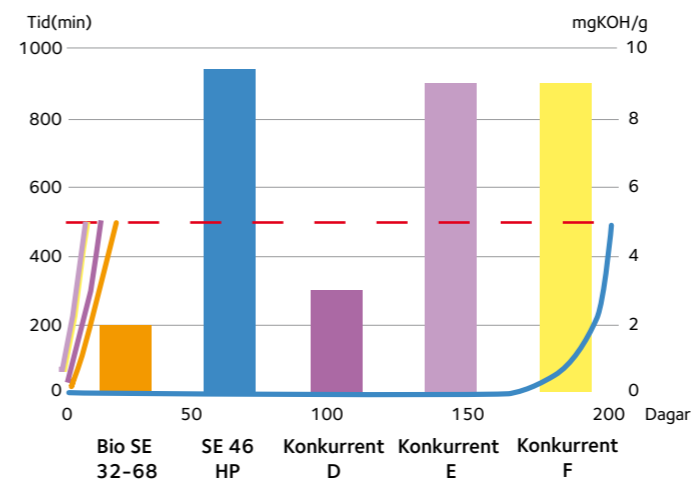


Statoil HydraWay Bio SE 32-68 and Bio SE 46 have, as the above graph shows, an extremely good ability to resist both oxidation and hydrolysis. A combination of these properties is vital for the service life of the product.

Bars show oxidation stability (min) RPVOT
Lines show hydrolytic stability (mg KOH/g) RR1006



Service life saturated esters



HydraWay SE 46 HP has, as the above graph shows, an extremely good ability to resist both oxidation and hydrolysis. A combination of these properties is vital for the service life of the product.

Bars show oxidation stability (min)
Lines show hydrolytic stability (mg KOH/g)
*Bio SE 32-68 is an unsaturated ester.

