



CUSTOMER

Statoil, Norway

BACKGROUND

Dellner Brakes' distributor in Norway, Ing H Asmyhr AS, supplied Dellner disc brakes for all the anchor winches on Statoil's Norne, Åsgard, Visund and Troll oil rigs off the Norwegian coast.

APPLICATION

Each offshore oil drilling rig is equipped with 12 anchor winches that compensate for the wave movements acting on the oil rig. The winches have a pulling force of 3,430 kN (771,100 lbf).

Each winch is equipped with two asymmetrically mounted Dellner SKP 95-27 spring applied, hydraulic released brakes operating on a $\varnothing 1,000$ mm (39.4 in) brake disc to hold the winches after each wire movement. Each winch is controlled individually to ensure optimal positioning of the oil rig.