

**PANOLIN
by the sea**



Coastal erosion is a permanent problem along the south coast due to the tidal flow of water through the English Channel. Environment Agency contracts for essential sea defence work naturally include the use of biodegradable hydraulic oils for these sensitive contracts.

Two companies who started to prepare their machines for this work, ahead of the Agency deadline of 2005, are Dean & Dyball and Ovenden Plant.

Dean & Dyball converted their first machine over to PANOLIN HLP SYNTH 46, a Hitachi EX 800, in November 1997 for work in Calais Harbour and Ovenden Plant converted their first Volvo during 2003 for work on the EA beach restoration project at Shoreham.

Two key factors which were taken into account when deciding on lubricant specification was the full warrantee approval for PANOLIN biodegradable oils from both Hitachi and Volvo and the long service life of PANOLIN HLP SYNTH 46. The oil is also recommended by both Hitachi and Volvo for use throughout their range of mobile plant including wheel loaders and dump trucks.

PANOLIN help ensure that the oil in service fully meets the EA specification of a maximum 5 % mineral oil and detect if rape oils have been used as top up. Advice is given should either of these problems arise.

If an accidental spill occurs, PANOLIN can provide all the necessary documentation as proof that the oil in use fully conforms to the EA standards.

Both companies are highly satisfied with the level of the service and the performance of PANOLIN HLP SYNTH 46.