

Exceeding excellence with MTU

Energy lives here™



Results of a field test trial have indicated that the use of Mobil SHC Pegasus 40 has helped to provide outstanding protection and cleanliness for an MTU 6R-400 natural gas engine. This was achieved with an oil drain interval that was extended from 1250 hours to 1650.

The Trial

Mobil SHC™ Pegasus 40 was introduced to lubricate a MTU 6R-400 engine as part of a field test. The purpose of the trial was to determine if oil drain intervals could be extended to 1,500 hours, without compromising equipment cleanliness or protection.

The condition of the oil was closely monitored throughout the trial with the use of ExxonMobil's Mobil ServSM Lubricant Analysis program. In addition, a full boroscopic inspection of the engine was conducted by the Equipment Builder and Field Engineering Services team with the use of an endoscope.

Results

After 6,000 hours of full load operation, an end-of-test inspection of the engine was conducted and the trial of Mobil SHC Pegasus 40 was approved with excellence. Results revealed minimal component wear, outstanding cleanliness and oil consumption below 0.1 g/kWh. In addition, oil drain intervals were extended to 1,650. This helped to reduce downtime associated with maintenance and significantly reduce oil waste.