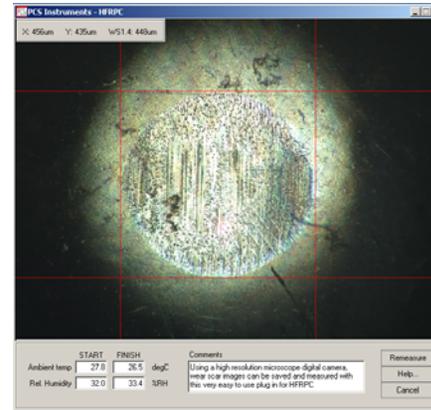
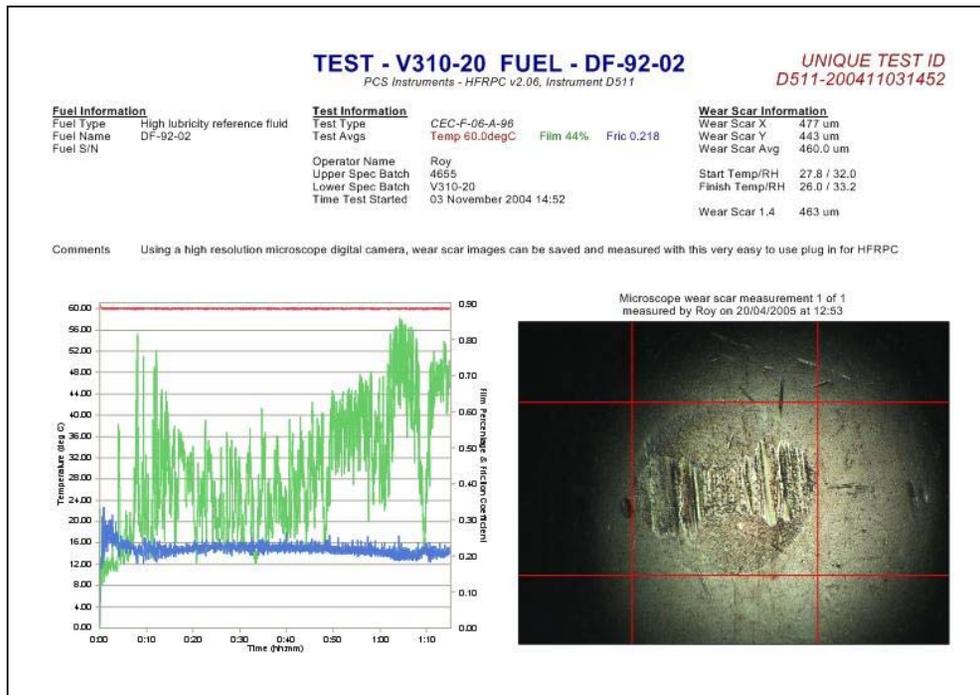


HFRR Wear Scar Measurement Camera

The microscope camera is an optional accessory for HFRPC which allows the user to capture calibrated images of a wear scar and measure the wear scar on the PC screen. The wear scar image and measurements are saved with the test data file and can be printed on the test report - see below. The camera functionality is an integral part of the HFRPC software which allows test data files to be exchanged between labs and the measurements to be viewed and, if required, re-measured with full traceability. The package includes the camera and adaptor, all cables, an upgrade to the HFRPC software and a calibrator.



The measurement process is quick and accurate. First an image of the wear scar is captured, then the edges of the wear scar are identified by clicking and dragging cursor lines on the image. Once satisfied with the measurement the operator can add comments and an operator ID and the measurement can be saved. Images can be recalled and re-measured, with the measurement history saved along with the image data.



Microscope with camera in place.



Precision certified calibration target

The camera is supplied with an adaptor for the standard PCS microscope. Camera calibration is done using a certified calibration target (supplied). The software also includes a facility for quickly checking the calibration if necessary.

The recommended minimum PC specification is as follows:
 Pentium 3 processor 1 Ghz
 256 MB RAM
USB 2.0 High Speed port (NOT USB 1.0)
 RS232 Serial port (9 pin connector) eg: COM1
 20 GB hard drive (minimum disc space for install 300Mb)
 CD drive and floppy drive (or USB flash drive) for installation
 Microsoft Windows XP
 Windows Explorer 5.01 or better

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