

GETTING BACK ON THE RIGHT TRACK: OPERATIONAL EXTENSION (TE34)

CLIENT
UK TRAIN OPERATOR

EQUIPMENT
**40KVA TOTALLY ENCLOSED
ALTERNATOR**

APPLICATION
**RAIL - TRAIN-MOUNTED
POWER PACK**

PHOTOS



REPORT

The customer requested an evaluation of their alternators, operating in the power pack mounted on their trains. Their request was to align the alternator overhaul with the engine overhaul allowing them to benefit from the resulting cost reduction.

Working closely with the train operator and the bearing manufacturer, we were able to understand the operating system, duty cycle and the extent of the machines' degradation by inspection and evaluation of the condition of the windings and bearings at agreed time intervals.