Performance Upgrade

Upgrade Solution with new compressor designed for TPL77
W46 Engine – Power Generation

“This component upgrade delivers immediate measurable results and typically exceeds our customer’s expectation. Ideally, it is implemented at the time of a scheduled overhaul.”

Adrian Reinhart,
Product Manager Upgrades, ABB
The solution in a nutshell
ABB and Wärtsilä offer a convenient turbocharger upgrade that delivers attractive benefits for power generating engines. Going beyond normal overhauls, this component upgrade delivers fuel savings and reduced exhaust gas temperatures which has a positive impact on the component lifetime. It involves replacing the current compressor stage with an optimized design as well as a new diffuser, partition wall, wall insert, turbine rotor and nozzle ring.

This drop-in solution requires only short downtime and can be implemented during a scheduled service. This A32 compressor has a proven success record with numerous reference projects installed around the globe with positive customer feedback.