

# TURBOCHARGER-TO-INTERCOOLER SEAL UPGRADE

COOPER-BESSEMER™ TWO-CYCLE ENGINES

## Overview

Nearly all Cooper-Bessemer engines with turbochargers and intercoolers employ a piston ring-style slip joint flexible connection to prevent air leaks while allowing for the necessary thermal expansion. To properly seal, this joint relies on near perfect alignment, condition of the seal and surface finish of the surface that the seal rides on. Over time each of these items can degrade, resulting in combustion air leaks that can rob the engine of much needed combustion and scavenging air.

## Solution & Advantages

Cooper recently engineered an upgrade of this joint to use a stainless steel bellows type expansion joint, used in exhaust manifolds for 30 years with proven reliability.

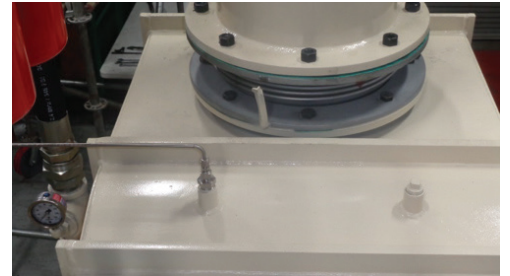
## Included with the package

- › Stainless steel bellows-type expansion joint
- › New intercooler covers\*
- › Connection piping\*

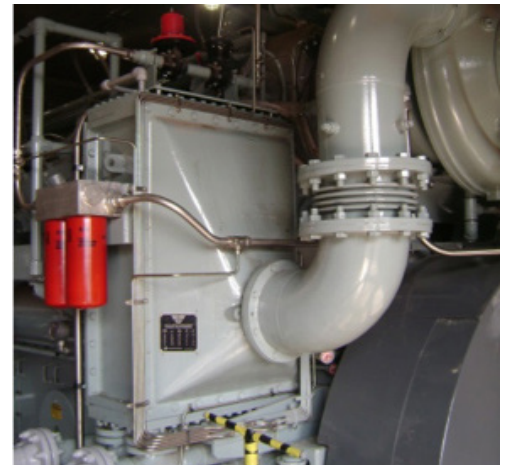
\*Depending on the engine model

## Applicability

- › All Cooper-Bessemer engines with turbochargers and intercoolers



Seal upgrade on single ET24 W330 application



Seal upgrade on single ET18 GMVH application

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