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BLOW-BY-COOLER

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BLOW-BY-COOLER

Technical Task:

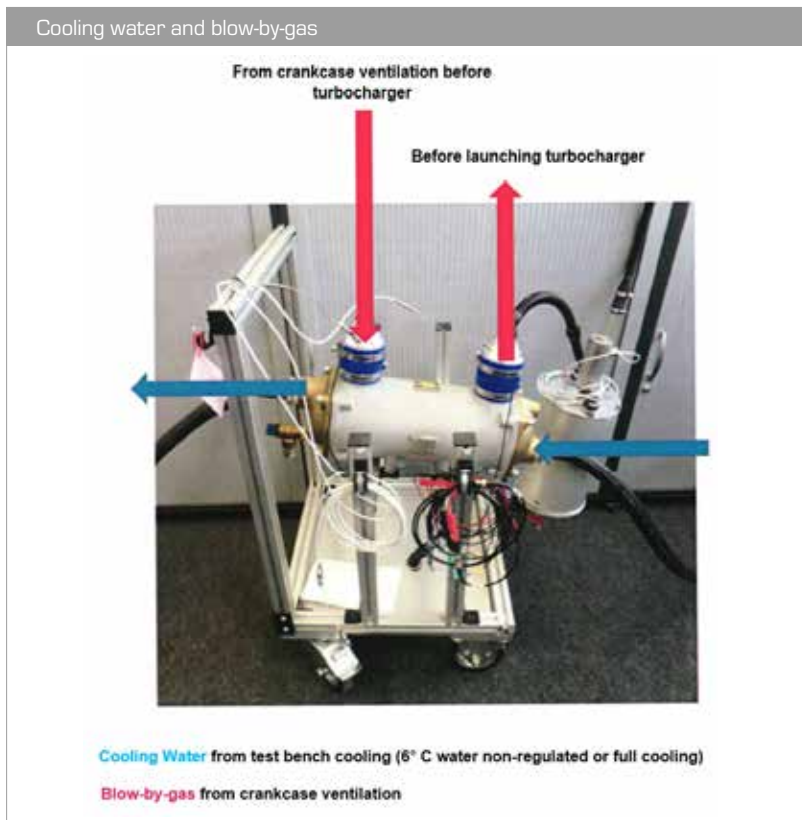
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Initial Situation:

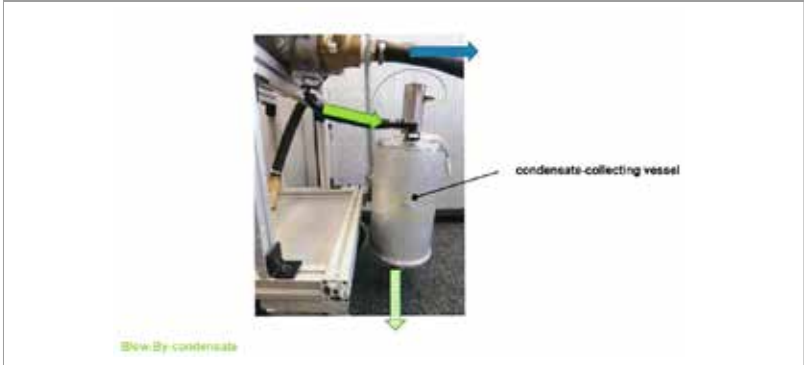
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Solution:

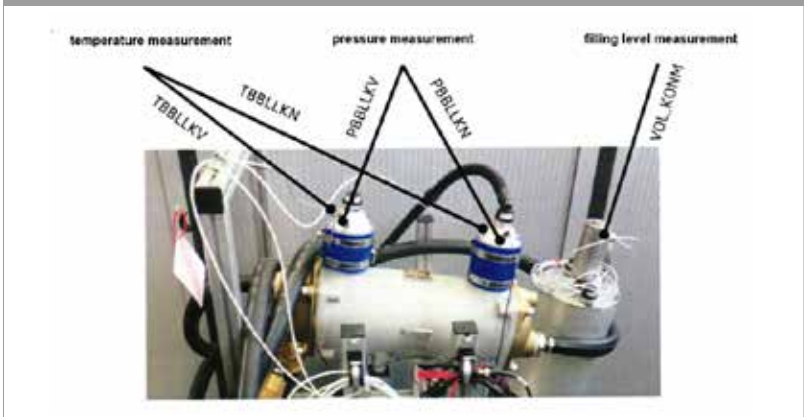
By grinding a heat exchanger into the air duct of the crankcase ventilation of the engine, the blow-by gas is cooled down and its condensate is separated. A collecting vessel catches the condensate for later laboratory analysis and allows the fill level sensor to determine the operating point-dependent condensate quantity.



Removal of condensate



Measurement: Location of the measuring points



Designation of the measuring points

*Designation of the measuring points***Temperature measurement**

TBLLKV	temperature Blow-By-charge air-cooler BEFORE	
TBLLKN	temperature Blow-By-charge air-cooler AFTER	°C

Pressure measurement

PBLLKV	pressure Blow-By-charge air-cooler BEFORE	
PBLLKN	pressure Blow-By-charge air cooler AFTER	°C

Filling level measurement

VOL_KONM	capacity condensate (collecting vessel)	cm ³
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