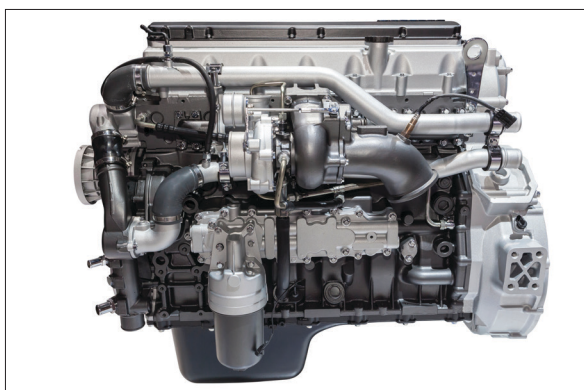


CASE HISTORY

Emergency Oil Additive Replacement for Engine Testing



Adobe Stock image for illustration only.

DATE
2021

CORTEC® REPRESENTATIVE
Metals Preservation / Vallen

CUSTOMER
Gas and Diesel Engine Manufacturer

LOCATION
United States of America

PRODUCT
VpCI®-329 (custom dilution)

PROBLEM

The customer manufactures a wide range of engine sizes and types that must be tested for leaks and other malfunctions before storage and shipment. Due to an emergency situation, the customer's supplier could no longer provide the custom blended rust preventative they always added to their diesel engine testing oil. The customer was out of material and urgently needed a replacement.

APPLICATION

Cortec's VpCI®-329 was one of the products that had undergone the customer's rust preventative testing in 2014 and was similar to the product that was no longer available. Since VpCI®-329 was already listed in their system, Cortec® was able to respond immediately with samples for the customer to test viscosity and compatibility. This allowed them to quickly transition to Cortec's custom-blended version of VpCI®-329 diluted at a 1:1 ratio with the client's specified engine oil. The resulting product is added to the engine before testing. It is drained out afterwards, and the engine is closed off.

CONCLUSION

Cortec's positive ongoing working relationship and high-quality reputation from past experiences with the client were strong reasons for them to choose Cortec® product over other approved options. The VpCI®-329 custom dilution met the customer's urgent need for a corrosion inhibiting oil additive when their previous product was no longer available. Cortec® was able to deliver the substitute product soon enough to prevent the customer from suspending production and will be able to support the customer's plants in other countries as opportunities for use grow. The product provides contact and vapor phase corrosion protection throughout the oil system during engine testing, and the residual is expected to provide up to two years of corrosion protection during subsequent shipping and storage.

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