

Evonik Resource Efficiency GmbH Kirschenallee 64293 Darmstadt, Germany

Przemysław Niedzielski Kierownik Produktu Biuro Marketingu ORLEN OIL Sp. z o.o.

ul. Opolska 114, 31-323 Kraków

February 21, 2018

Rolf Flanke

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Confirmation letter Case Study results

Dear Mr. Niedzielski,

According to the agreement referenced as 18/II/17/OB/U between EVONIK OIL ADDITIVES and ORLEN OIL, concerning DYNAVIS trademark and technology in HYDROL POWER L-HV, based on test data conducted in laboratory studies, field tests using mobile and stationary equipment as well as the specific formulations used in such tests, Evonik Oil Additives declares that:

- provided that all required working conditions are met, fuel efficiency for construction equipment may reach an up to 15% level. The study was conducted comparing result data in working conditions: Kleemann MS 19 Z, Hitachi Zaxis 210W, New Holland E385B, New Hollad E235 SR-LC,
- provided all required working conditions are met, energy savings for industrial, stationary equipment may reach an up to 11% level. The study was conducted comparing result data in working conditions: Husky XL300, Krauss Maffei KM 80 CX SP 380, Engel Victory 330/120, Boy 35 E, Haitian MA10000 II

It is hereby recommended that the product application as well as measurements and analysis be conducted with agreement of the oil manufacturer or technology supplier in order to ensure machinery or equipment safety along with the lubricants used.

Please consider that the above information on fuel efficiency is based on research and experience in the field of applied engineering. Although it is accurate to the best of our knowledge it shall not be deemed to be a guarantee and shall not release you of your obligation to verify the suitability or our goods for your intended use.

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Supervisory Board

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Sincerely yours,

Darmstadt, 21.02.18

Evonik Oil Additives

Rolf Fianke,

Global Marketing Manager DYNAVIS®

Darmstadt, 21.02.18

i.V. Thouas Sclin

**Evonik Oil Additives** 

Thomas Schimmel,

**Business Director Industrial Segment**