

# Fuel Economy Concept



Our Fuel Economy products are specially formulated to maximize fuel economy properties without compromising on the engine protection.

## Why would you choose our products?



### Over 20 years of Fuel Economy Experience

TotalEnergies has been developing Fuel Economy products since the 1990's. Today, a third of TotalEnergies engine oils sold worldwide is formulated with Fuel Economy technology.



### Fuel Economy Lubricants for every application

Our wide range of Fuel Economy solutions are suited for every application, including engines, gearboxes and axles.









### Fuel Economy Partnerships with OEMs

Tractagri and Dynatrans Fuel Economy ranges are developed in close cooperation with key OEMs. Therefore, the range is fully approved for use in their equipment to achieve the Fuel Economy targets of the OEMs.



### Tested in real-world conditions and Certified for Fuel Savings

Our Fuel Economy lubricants are tested on actual fleets operating in real-world conditions, and certified by independent testing organizations such as TÜV Rheinland, UTAC, and Millbrook.

Tractagri Products		International Specifications		OEM Homologations (Original Equipment Manufacturers)	
Product name	Grade	ACEA	API	Approvals	Meets the requirements of
<b>Tractagri S5R FE</b>  	5W-30	E4, E6, E7, E9	CK-4	<ul style="list-style-type: none"> <li>• Deutz DQC IV-18 LA</li> <li>• Deutz TTCD</li> <li>• Volvo VDS-4.5</li> <li>• MB-Approval 228.51/228.52</li> <li>• MAN M 3677/M 3775</li> </ul>	<ul style="list-style-type: none"> <li>• Caterpillar ECF-3/ECF-2/ ECF-1-a</li> <li>• FPT-Iveco TLS E6</li> <li>• CNH MAT 3521</li> <li>• Cummins CES 20086</li> </ul>
<b>Tractagri HDZ FE</b>  	10W-30	E7, E9	CK-4	<ul style="list-style-type: none"> <li>• Cummins CES 20086</li> <li>• Deutz DQC III-18 LA</li> <li>• MB-Approval 228.31</li> <li>• Volvo VDS-4.5</li> </ul>	<ul style="list-style-type: none"> <li>• Caterpillar ECF-3/ECF-2/ ECF-1-a</li> <li>• CNH MAT 3521</li> </ul>
<b>Tractagri HDX FE</b> 	10W-30	E7	CI-4	<ul style="list-style-type: none"> <li>• Cummins CES 20078</li> <li>• Deutz DQC III-8</li> <li>• MB-Approval 228.3</li> </ul>	<ul style="list-style-type: none"> <li>• Cummins CES 20077/20076</li> <li>• Caterpillar ECF-2/ECF-1-a</li> <li>• Case MS 1121</li> <li>• CNH MAT 3507</li> <li>• New Holland NH 324H</li> </ul>
Dynatrans Products		International Specifications	OEM Homologations (Original Equipment Manufacturers)		Meets the requirements of
<b>Dynatrans VZ FE</b> 	API GL-4	Manufacturers' approvals: <ul style="list-style-type: none"> <li>• Massey F. CMS M1145</li> <li>• Valtra G2-B10</li> <li>• ZF-TE-ML 03E/05F/06K (ongoing)</li> </ul>		<ul style="list-style-type: none"> <li>• Massey Ferguson CMS M1143</li> <li>• Ford FNHA 2C 201.00/ M2C 134-D</li> <li>• John Deere JDM J20C</li> <li>• McCormick HTX</li> <li>• Claas / Renault Agriculture</li> </ul>	