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## FANFARO TRD-14 UHPD 15W-40 6114

All-weather synthetic engine oil for heavy-duty and high-speed diesel engines with and without turbocharger, operating in difficult conditions and complying with the latest environmental regulations.

Product properties:

- An innovative additive package in combination with the highest quality synthetic base, featuring optimal viscosity in a wide temperature range, provides excellent anti-friction, anti-wear and anti-scuffing properties, which significantly extend the life of equipment in all, even the most extreme, operating modes in a wide range of ambient temperatures and provides significant fuel savings;
- Phenol and amine antioxidants in combination with a synthetic base provide increased thermal oxidative stability to the oil, which, in combination with excellent detergent-dispersant properties and low ash content, effectively reduces scaling and varnish formation, prevents deposits of all kinds and maintains engine parts in perfectly clean condition throughout the entire interval between replacements;
- A unique synthetic formulation provides increased oil resistance to ageing, and due to the reduced evaporation and high flash point, it reduces operating consumption, which enables it to be used in engines with a long like interval and conventional motors;
- Due to the synthetic base, the optimal viscosity has excellent low-temperature properties, including a low pour point, along with good oil pumpability and crankability of engine components at low temperatures, easy "cold start" (down to -30 °C) and reduced startup wear;
- Compatible with all exhaust gas after-treatment systems: DPF, TWC, EGR and SCR thanks to the use of Low SAPS technology;
- Effectively protects engine parts from all types of corrosion;
- Lower foam formation and increased resistance to aeration;
- Effectively deals with the increase in shear stress during operation caused by elevated viscosity due to soot dispersion and oxidation;
- Developed for use with diesel fuels with a sulphur content of up to 500 ppm. However, the use of oil with a sulphur content of more than 15 ppm may affect the life of the exhaust gas aftertreatment systems and/or the oil change interval;

Suitable for engines using fuelled by natural gas (LNG) and petroleum (LPG) gas.

Designed for all types of heavy-duty diesel motors (long distance trucks, buses, etc.), off-road machinery (construction, mining, agricultural) and special equipment from European, American and Asian manufacturers that meet the requirements of Euro VI or lower where a performance level of API CK-4 or lower is required.

**CORRESPONDS WITH REQUIREMENTS / SPECIFICATIONS / PRODUCTS:**

**Specifications:**

SAE 15W-40  
API CK-4  
ACEA E7 -22  
ACEA E9 -16  
JASO DH-2  
CATERPILLAR ECF-3  
DETROIT DIESEL DDC 93K223  
MAN M 3775  
MB 228.31  
CUMMINS CES 20086  
ACEA E11 -22

**Approval:**

MACK EOS-4.5 Approval  
RENAULT RLD-3 Approval  
VOLVO VDS-4.5 Approval

**Recommendation:**

**PACKAGES (ARTICLE NUMBER):**

208L (FF6114-DR)  
1000L (FF6114-IBC)  
20L (FF6114-20)