

# ULTIMA TRAGET

# R1000

## 15W40

MULTIGRADE

### DESCRIPTION

**ULTIMA TRAGET R1000 15W-40 multigrade** is a multigrade lubricant specially formulated for high-thermal-efficiency heavy-duty diesel engines. Developed using an advanced additive system and premium-quality base oils, it meets the severe requirements of heavy-duty engines equipped with modern technologies such as **EGR (Exhaust Gas Recirculation)**, direct fuel injection, and turbocharging.

- **This lubricant provides optimal protection under high-stress operating conditions, including long operating hours, heavy loads, and extreme environments typically encountered by heavy-duty vehicles. Its balanced formulation ensures active soot control, limits deposit formation, and effectively protects against cylinder bore polishing, while offering excellent oxidation and thermal stability. As a result, it extends engine life and enhances the reliability of heavy-duty transport fleets.**

### APPLICATION

- **Enhanced dispersant system:** Efficiently controls soot generated by high-temperature combustion, preventing oil thickening and deposit formation in piston rings.
- **High-performance anti-wear additives (ZDDP):** Form a protective barrier on metal surfaces, reducing wear at high-contact points such as camshafts and rocker arms.
- **Thermally stable antioxidants:** Extend oil service life by limiting thermal cracking and accelerated oxidation.
- **Anti-foam and anti-corrosion inhibitors:** Ensure proper lubrication throughout engine circuits while protecting components against rust, moisture, and acidity.
- **Friction modifiers:** Reduce energy losses in hydrodynamic friction zones, contributing to improved engine energy efficiency.



### CLIENT BENEFITS

- Excellent wear protection, even in engines with high soot levels
- Effective control of piston and ring deposits, maintaining engine cleanliness and power output
- Exceptional oxidation stability, ensuring consistent performance between oil drain intervals



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### CLIENT BENEFITS

- High shear stability, maintaining viscosity during extended service periods
- Reduced oil consumption, even under prolonged operating conditions
- Anti-corrosion and sludge protection for extended component life
- Advanced dispersant technology ensuring superior soot and particle control
- Suitable for extended drain intervals, subject to manufacturer recommendations

## PERFORMANCE

- ACEA E7-16 • API CI-4 /SL
- JASO DH-1
- VOLVO VDS-3
- Mack EO-N/EO-M Plus
- Renault Trucks RLD-2
- Caterpillar ECF 2
- DTFR 15B110 (MB-APPROVAL 228.3)
- MTU Type 2
- Detroit Diesel DDC 93K215
- Cummins CES 20076/77/71/72 + CES 20078
- GLOBAL DHD-1
- MAN M3275-1

### TYPICAL CHARACTERISTIC

These values are typical of current production. However, Pétro Baraka reserves the right to modify certain characteristics in accordance with the product's conformity to its specifications.

Nom	Methodes d'essai	Unites	Résultats
SAE Viscosity Grade	SAE J300	-	15W40
Density at 15 °C	ASTM D 4052	-	0,8788
Kinematic Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	106.24
Kinematic Viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	14.6
Viscosity Index	ASTM D 2270	-	142
Pour Point	ASTM D 97	°C	-30
Flash Point	ASTM D 92	°C	>234
Total Base Number (TBN)	ASTM D 2896	(mg KOH/g)	11



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### STORAGE CONDITIONS

Do not store products at temperatures above 60°C. It must be stored away from direct sunlight, intense cold and external temperature fluctuations. If possible, the packaging should never be exposed to weather. Otherwise, the drums shall be placed horizontally, so as to avoid contamination by water and to preserve the product label.

### AVAILABILITY

200L

Available in: 200L Drum



## Péto Baraka

   **PétoBaraka**  
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