

TECHNICAL PRODUCT SHEET

# PRO ULTRA HD 5W—30



## DESCRIPTION

PRO ULTRA HD is a high-performance, low-SAPS synthetic lubricant engineered to meet the stringent requirements of ACEA E6/E8, API CI-4, and DTFR 15C110 (ex. MB 228.51) specifications. Its advanced synthetic base stocks combined with a carefully balanced additive system deliver robust protection for modern diesel engines, including components such as turbochargers and exhaust aftertreatment systems (DPF, SCR). The formulation ensures excellent thermal stability, oxidation resistance, and wear control, enabling reliable operation under severe duty cycles. Its durability supports extended service intervals while maintaining engine cleanliness, efficiency, and long-term performance.

## APPLICATIONS

PRO ULTRA HD is engineered for advanced low-emission direct-injection diesel engines compliant with Euro V, Euro VI, and U.S. EPA 07 emission standards, delivering the performance required by ACEA E6 and MB 228.51 specifications. Its low-SAPS formulation ensures compatibility with modern exhaust aftertreatment systems, including diesel particulate filters (DPF), exhaust gas recirculation (EGR), and selective catalytic reduction (SCR). The lubricant is also fully suitable for earlier-generation Euro I-IV engines, offering strong wear protection, thermal stability, and cleanliness even in severe operating conditions. This versatility makes it ideal for both on-road and off-road heavy-duty applications where durability and emission-system protection are critical.

## SPECIFICATIONS

ACEA	E8	API	CI-4
ACEA	E6	DTFR	15C110 (ex. MB 228.51)

## PROPERTIES

PRO ULTRA HD is formulated with high-quality synthetic base oils plus advanced detergent-dispersant additives system which effectively control engine deposits and sludge formation, maintaining internal cleanliness and optimal performance.

## BENEFITS

PRO ULTRA HD provides long-term protection against engine wear, delivers exceptional oxidation resistance, ensuring lubricant stability under prolonged high-temperature operation. The oil's enhanced shear stability preserves viscosity across extended service intervals and severe duty cycles, providing consistent film strength and wear protection. With its low-SAPS additive technology, it safeguards sensitive exhaust after-treatment systems—such as DPF, EGR, and SCR—by minimizing ash accumulation and supporting long-term emission system efficiency.



## TECHNICAL PRODUCT SHEET

### PHYSICAL-CHEMICAL CHARACTERISTICS

PRO ULTRA HD	METHOD	SAE 5W-30
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.850
Dynamic viscosity, cP	ASTM D5293	-30°C/5,500
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.8
Viscosity, Kinematic (cSt) 40°C	ASTM D445	70.0
Viscosity index	ASTM D2270	165
TBN, mgKOH/g	ASTM D2896	10.2
Flash point, COC, °C	ASTM D92	228
Pour point, °C	ASTM D97	-36

The abovementioned characteristics represent mean values.

### STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



### HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



### USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

