

TECHNICAL PRODUCT SHEET

# ECO R<sup>2</sup> ULTRA—S 0W—20



## DESCRIPTION

ECO R2 ULTRA-S is a high-performance, fully synthetic low-viscosity engine oil formulated with premium re-refined synthetic base oils and advanced additive chemistry. Designed to deliver strong fuel-saving performance, rapid lubrication, and robust wear protection, it maintains excellent thermal stability, oxidation resistance, and shear stability even under severe operating conditions. By using high-quality re-refined synthetic base stocks, ECO R2 ULTRA-S significantly reduces its carbon footprint while maintaining the durability and efficiency expected from ultra-modern engine lubricants.

## APPLICATIONS

ECO R2 ULTRA-S is suitable for modern gasoline and hybrid passenger cars, SUVs, and light commercial vehicles requiring ultra-low-viscosity lubricants. It offers excellent low-temperature fluidity for rapid circulation during cold starts and is engineered to meet the demands of high-efficiency, downsized, turbocharged GDI engines. Its formulation aligns with API SP/SN Plus and ILSAC GF-7 performance expectations, providing reliability in engines sensitive to LSPI while ensuring fuel-saving benefits and stable operation across varied driving conditions.

## SPECIFICATIONS

API	SP RC	FORD	WSS-M2C960
ILSAC	GF-6A	FORD	WSS-M2C945-B1
GM	Dexos1™ Gen2	GB	11121-2006 SL

## PROPERTIES

ECO R2 ULTRA-S provides low-viscosity, high-stability lubrication with reduced friction and excellent oxidation resistance. Its strong detergent-dispersant system maintains cleanliness, while low volatility supports reduced oil consumption and long-term performance in gasoline and hybrid powertrains.

## BENEFITS

ECO R2 ULTRA-S enhances engine efficiency, reduces wear, and supports faster lubrication during cold starts. Its re-refined synthetic base oils offer lower environmental impact, reduced emissions contribution, and extended service interval capability, helping maintain engine cleanliness, durability, and fuel economy throughout the oil's service life.



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### PHYSICAL-CHEMICAL CHARACTERISTICS

ECO R2 ULTRA-S	METHOD	SAE 0W-20
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0831
Dynamic Viscosity, °C/cP	ASTM D5293	-35°C/4,450
Viscosity, Kinematic (cSt) 100°C	ASTM D445	8.1
Viscosity, Kinematic (cSt) 40°C	ASTM D445	42.0
Viscosity index	ASTM D2270	170
TBN, mgKOH/g	ASTM D2896	8.5
Flash point, COC, °C	ASTM D92	224
Pour point, °C	ASTM D97	-48
HTHS, cP	CEC-L-36-A-90	2.7
NOACK Volatility loss, %	ASTM D5800	12

The above mentioned 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.

