



MOTOR VEHICLE LUBRICANTS. CARS

## XTAR 5W20 ECO B

### DESCRIPTION ECOPRODUCT

Latest technology 100% synthetic lubricant especially developed to maximize fuel savings in gasoline, diesel and hybrid vehicles, providing extraordinary levels of engine protection and cleaning.

#### PRODUCT APPLICATIONS

- Especially recommended for vehicles equipped with the FORD group's new **EcoBoost** gasoline engines that demand an oil that meets **Ford's WSS-M2C-948B** standard, as well as being compatible with gasoline engines requiring **Ford's WSS-M2C-925B, 913-B or 913-C** specifications.
- Suitable for engines of hybrid vehicles and/or those with a "start/stop system" where the systematics require oils with very low friction resistance and high-flow.
- Suitable for extreme temperature conditions, while maintaining an excellent degree of fluidity at very low temperatures, facilitating starting, and with a high level of wear protection at high temperatures, which makes it especially suitable for urban uses with frequent stops and starts.

#### PRODUCT PERFORMANCE

- Its latest generation friction modification technology reduces the loss of energy caused by the friction between the engine's metallic parts, maximizing fuel economy and reducing CO<sub>2</sub> emissions.
- Its low phosphorus content allows the optimization of three-way catalyst performance, reducing NO<sub>x</sub>, HC and CO emissions, as well as DPF/GPF devices, extending its lifespan.
- Provides the engine with extraordinary wear protection.
- Excellent standard of engine cleaning and protection against acids and polluting agents during the oil's lifetime and minimization of the impact of the biofuel contaminants that become dissolved in the oil.

### SPECIFICATIONS

- ACEA C5
- API SN/RC
- ILSAC GF-5
- Ford WSS-M2C-948-B
- STJLR.03.5004



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 5W20 ECO B
<b>SAE Grade</b>	-	-	<b>5W20</b>
Density at 15°C	g/ml	ASTM D 4052	0.851
Viscosity at 100°C	cSt	ASTM D 445	8.3
Viscosity at 40°C	cSt	ASTM D 445	45.3
Viscosity Index	-	ASTM D 2270	160
CCS Viscosity at -30°C	cP	ASTM D 5293	3848
Pour Point	°C	ASTM D 5949	-45
Flash Point (COC)	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	8.4
Sulfated Ash	% (m/m)	ASTM D 874	0.8
HTHS Viscosity at 150°C	cP	ASTM D 4683	2.6 min

### HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning..