

TECHNICAL PRODUCT SHEET

# MAX EXTRA

## 15W—40, 20W—50



### DESCRIPTION

MAX EXTRA lubricants are premium quality, commercial mixed-fleet engine oils formulated with high quality mineral base oils and a superior, balanced additive system to meet the demands of modern fleets. They are designed for use in both diesel and petrol engines, for which quality and performance level are recommended.

### APPLICATIONS

MAX EXTRA lubricants are suitable for the lubrication of turbocharged and conventional high-performance, 4-stroke gasoline and diesel engines that can be found in heavy-duty trucks, vans and passenger cars requiring an API CG-4, CF-4, SL oil quality. They are also suitable for off-highway and other industrial equipment.

### SPECIFICATIONS

ACEA	E2	DTRF	15B110 (ex. MB 228.3)
ACEA	Level B2	MTU	Cat. 1/Cat. 2
API	CH-4	VOLVO	VDS
API	CG-4	CUMMINS	CES 20076
API	CF-4	DEUTZ	DQC II-18
API	SL	MAN	Level MAN 3775-1
API	SJ		
API	SG		

### PROPERTIES

MAX EXTRA series consists of multigrade oils which offer a wide grade range ensuring stay-in-grade performance and shear stability. They provide versatile applications, enhanced thermal and oxidative stability, and improved dispersancy properties for reliable, long-lasting engine protection.

### BENEFITS

MAX EXTRA series delivers excellent low-temperature performance, reduced oil consumption, and strong wear protection. It minimizes sludge, deposits, and viscosity increase, helping lower inventory costs. The result is cleaner engines and extended parts life, especially under high-load or stop-and-go operating conditions.



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### PHYSICAL-CHEMICAL CHARACTERISTICS

MAX EXTRA	METHOD	SAE 15W-40	SAE 20W-50
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.884	0.886
Dynamic viscosity, @ °C/cP	ASTM D5293	-20°C /6,300	-15°C /8,500
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.0	19.1
Viscosity, Kinematic (cSt) 40°C	ASTM D445	102.0	175.0
Viscosity index	ASTM D2270	139	124
TBN, mgKOH/g	ASTM D2896	8.1	8.1
Flash point, COC, °C	ASTM D92	224	244
Pour point, °C	ASTM D97	-27	-24

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.

