



SUPER POWER

SUPER POWER PREMIUM LUBRICANTS

Engine Oil E5X 20W-50

Product Code: S10113

Engine Oil E5X 20W-50 is a high performance universal synthetic engine oil designed for high loaded diesel engines in light and heavy commercial vehicles for use in Euro-4, Euro-5 and GB-4, GB-5 engines equipped with an Exhaust Gas Recirculation (EGR) and/or Selective Catalytic Reduction (SCR). **This product is not suitable for vehicles equipped with Diesel Particle Filters.**

Engine Oil E5X 20W-50 is formulated with high refined solvent synthetic stock in combination with a special additive package to reach the following properties:

- Excellent thermal and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Suitable for use in both Euro-4, Euro-5 and GB-4, GB-5 engines

Engine Oil E5X 20W-50 exceeds the following performance criteria:

API CI-4/SL	ACEA E7	MB 228.3	MAN M 3275
Volvo VDS-3	Deutz DQC-III	MTU Type 2	Mack EO-N
Caterpillar ECF-1a	Renault RLD-2	DDC 93K215	JASO DH-1
Global DHD-1	Cummins CES 20077/20078		

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J3000	20W-50
Density @15°C	kg/m ³	ASTM D4052	891
Kin. Viscosity @40°C	cSt	ASTM D7042	155
Kin. Viscosity @100°C	cSt	ASTM D7042	18.0
Viscosity Index		ASTM D2270	127
Viscosity CCS @-15°C	cP	ASTM D5293	9500
Flash Point COC,	°C	ASTM D92	201
Pour Point	°C	ASTM D7346	-24
Total Base Number	mgKOH/g	ASTM D2896	10.7
Sulphated Ash	%Wt	ASTM D874	1.5

