



GIANT EUROMAX

High Performance Fully Synthetic 10W40 Diesel & Gasoline Engine Oil

DESCRIPTION

GIANT EUROMAX is a modern mid-SAPS (Sulphated Ash, Phosphorus and Sulphur) SAE 10W40 API CK-4/SN fully synthetic high-performance heavy-duty diesel and gasoline engine oil designed for maximum oil drain intervals whilst being fully compatible with the latest Diesel Particulate Filters (DPF), 2010 Exhaust Gas Recirculation (EGR), and Selective Catalytic Reduction (SCR) devices fitted to engines complying to the latest Euro V and Euro VI low emission specifications. It is formulated based on requirements from Major OEMs across Japan, USA and Europe.

GIANT EUROMAX is manufactured with selected fully synthetic base stocks and performance-enhancing additives for outstanding thermal & shear stability, improved viscosity-temperature characteristics and excellent low temperature fluidity. The synergistic performance derived from carefully chosen synthetic base stocks and additive packages, ensure superior protection against wear, deposits, varnish, rust and corrosion, well within the maximum limits under API CK-4.

GIANT EUROMAX meets and/or exceeds multiple industry and engine manufacturers' standards. It can easily satisfy the warranty requirements of many major OEMs such as Mercedes-Benz, Scania, Volvo, Caterpillar, Cummins, Man, MTU, etc.

PERFORMANCE STANDARDS

- API CK-4/SN
- ACEA E6/E9, JASO DH-2
- Mack EOS-4.5, EO-O Premium Plus, EO-N
- Volvo VDS-4.5, VDS-4, VDS-3
- Caterpillar ECF-3, ECF-2
- Cummins CES 20086, CES 20081
- Deutz DQC III-10 LA
- Detroit Diesel DFS 93K222, DFS 93K218
- Daimler MB 228.51
- Ford WSS M2C171-F1
- MAN M3477, M3677
- MTU Category 2.1
- Renault RLD-4, RLD-3
- Scania LDF-3

BENEFITS

- Surpasses the warranty service requirements for a wide range of engines
- Premium performance for mixed fleet operations, including those with after-treatment devices requiring lower SAPS
- Superior piston cleanliness
- Reduced wear = extended engine life; lower SAPS = extended life of after-treatment devices
- Excellent shear stability ensures viscosity integrity throughout its service life and reduces oil consumption
- Enhanced film strength at high temperatures
- Extraordinary oxidation and thermal stability for extended oil drain intervals

TYPICAL APPLICATIONS

GIANT EUROMAX is recommended for a wide range of high-output engines, turbocharged or ordinarily aspirated diesel engines, TDI Engines, TDCI Engines, COMMONRAIL Engines, BIO Diesel, CNG & LPG-powered engines.

TYPICAL PROPERTIES

SAE Grade	10W40
Density, kg/Litre @ 15°C	0.857
Appearance	Clear
Kinematic Viscosity, cSt @ 40°C	89.7
Kinematic Viscosity, cSt @ 100°C	14.0
Viscosity Index	160
Pour Point, °C	-45
Flash Point, °C	226
TBN, mgKOH/g	9.8
Sulphated Ash, % wt	≤ 1.00