



## GIANT DIESEL ACE

High Performance Synthetic 5W40 Diesel & Gasoline Engine Oil

### DESCRIPTION

GIANT DIESEL ACE is a modern mid-SAPS (Sulphated Ash, Phosphorus and Sulphur) SAE 5W40 synthetic high-performance light-duty diesel and gasoline engine oil designed for maximum oil drain intervals whilst being fully compatible with the latest Diesel Particulate Filters (DPF) and Three-Way Catalysts (TWC) fitted to engines complying to the latest Euro IV and Euro V low emission specifications (ACEA C3).

GIANT DIESEL ACE is formulated with selected fully synthetic base stocks, 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.

GIANT DIESEL ACE meets and/or exceeds multiple industry and engine manufacturers' standards. It can easily satisfy the warranty requirements of many major OEMs such as Daimler Chrysler, GM, Renault, Porsche and Volkswagen, as well as meeting BMW Long life test standards.

### PERFORMANCE STANDARDS

- API SN/CF
- MB-229.31, MB-229.51, MB-226.5
- GM dexos 2
- VW 502 00/505 01
- ACEA C3
- Renault RN0700/0710
- BMW Longlife-04
- Porsche A40

### 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 DIESEL ACE is recommended for a wide range of high-output engines requiring lower SAPS for the after-treatment devices, operating in both on-road and off-road industries. It is designed for use even in the latest highly rated turbo-charged 4-stroke diesel engines under severe operating conditions.

### TYPICAL PROPERTIES

SAE Grade	5W40
Appearance	Clear
Density, kg/Litre @ 15°C	0.860
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	90.2
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	14.0
Viscosity Index	160
Pour Point, °C	-32
Flash Point, °C	220
TBN, mgKOH/g	8.5
Sulfated Ash, % wt	≤ 0.8