

JUST AUTOS FULLY SYNTHETIC 5W-30 DIESEL ENGINE OIL

An ultra-high performance, fully synthetic engine oil, precisely engineered to meet the latest and most demanding specifications for modern light-duty diesel engine. Engineered to assist in maintaining reliability and protection, it aims to deliver performance in the harshest conditions

FEATURES & BENEFITS

- ADVANCED COMPATIBILITY**
Designed for use in modern diesel vehicles equipped with Diesel Particulate Filters (DPF), Three-Way Catalysts (TWC), and catalytic converters.
- SOOT MANAGEMENT**
Delivers outstanding soot dispersancy and robust protection against soot-related wear.
- ENGINE CLEANLINESS**
Enhanced oxidative stability and superior deposit control, including excellent piston cleanliness.

This premium oil ensures optimal performance, extended engine life, and superior protection under extreme operating conditions.

PERFORMANCE SPECIFICATION		
SAE - 5W -30 ACEA - C2, C3 API-SP, SN/CF		
FEATURE	TYPICAL RESULT	BENEFITS
Viscosity Index *Testing Method ASTM D2270	164.7	Stable performance in extreme temps
Sulphated Ash (% wt) *Testing Method ASTM D874	0.784	DPF-safe, emissions system friendly
Total Base Number (mg KOH/g) *Testing Method ASTM D2896-11	≥8.0	Long-lasting protection and cleaning
Phosphorus (ppm) *Testing Method ASTM D3231	771	Anti-wear additives for engine longevity
Sulphur (ppm) *Testing Method ASTM D2622	2,172	
Specific Gravity @ 20°C * Testing Method ASTM D1298	0.852	
Kinematic Viscosity @ 40°C (cSt) * Testing Method ASTM D445	64.7	
Kinematic Viscosity @ 100°C (cSt) * Testing Method ASTM D445	11.5-12.0	

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Just Autos 5W30 Diesel Engine oil is a premium low-ash fully synthetic formula designed to help protect modern diesel engines across a wide range of driving conditions – including everyday commuting, towing, off-road touring and crawling.

COMMON CHALLENGES IN MODERN ENGINE LUBRICATION HIGH-TEMPERATURE OXIDATION

Modern engines used in harsh environmental conditions, often operate at extremely high temperatures, made worse during heavy-duty use such as towing, crawling, or long distance driving. With smaller factory oil sumps, there's less oil available to absorb and dissipate heat. This intense thermal load accelerates oil oxidation, causing it to thicken, lose lubricating strength, and form varnish and piston deposits—all of which can compromise performance and reliability, particularly when you're far from help.

INCREASED MECHANICAL STRESS

Modern light vehicle diesel engines generate high horse power despite having compact and low friction engine designed internal components. This places significant stress on the lower rotating assembly, including the crankshaft, connecting rods, and pistons, which must endure higher loads, increased cylinder pressures, and elevated engine speeds. The added strain demands enhanced durability and protection to ensure reliable performance and engine longevity.

IMPACT OF EMISSION CONTROL SYSTEMS

Devices such as Positive Crankcase Ventilation (PCV) and Exhaust Gas Recirculation (EGR) & Diesel Particulate Filter (DPF) can further elevate oil temperatures and introduce more contaminants, compounding the stress on the oil.

THE SOLUTION

These lubrication challenges can be significantly minimized—or even eliminated—by using high-quality engine oils and adhering to recommended service intervals. Just Autos Fully Synthetic 5W-30 Diesel Engine Oil is engineered to perform under these harsh and demanding conditions, providing exceptional protection and performance for modern diesel engines.

Whether you're conquering the remote parts of Australia, powering through sand, or towing heavy loads, this oil helps ensure your engine stays strong, responsive, and ready for adventure.

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MASTER ITEM: #3070010 , 30700200, 307001000
PACK SIZE AVAILABILITY: 10L, 200L & 1000IBC