

### **PRODUCT DESCRIPTION**

Eco Diesel 5W-30 is an advanced semi synthetic diesel engine oil for on-road and off-road applications. It provides fuel economy to on-road vehicles fitted with Exhaust Gas Recirculation (EGR) and SCR NOx reduction systems. Perfect for use in engines with or without Diesel Particulate Filters (DPF). Outstanding soot handling performance to minimize premature oil thickening, keeping engines clean. Excellent wear and oxidation protection to improve engine durability. For use in mixed fleet applications.

Eco Diesel 5W-30 increases engine life and optimizes oil drain intervals. It effectively maintains good oil flow for better heat transfer to ensure stable engine temperature. It significantly exceeds the requirements of equipment manufacturers for the protection against wear of highly loaded parts.

### **APPLICATION**

Recommended for mixed fleets applications – diesel and gasoline engines. For new & old generation engines. Suitable for classic cars, trucks, light commercial vehicles, agricultural machineries and other on-road & off-road systems requiring a 5W-30 API CK-4 or API SN engine oils.

For diesel engines meeting EURO, I, II, III, IV, V and VI emission requirements. Backward compatible with API CJ-4, CI-4 PLUS, CI-4 CH-4, CG-4, CF-4, and older specs.

### **WARRANTY**

Eco Diesel 5W-30 meets or exceeds the OEM's warranty requirements of high-speed, 4-stroke diesel engines of 2017 exhaust emission standards where API CK-4 and older diesel engine oils specs is required. Suitable for gasoline engines requiring API SN engine oil. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### **CUSTOMER BENEFITS:**

- **Prolongs Engine Life**  
Provides reliable performance of complex diesel engine designs and formulated with powerful soot handling component to ensure engine's tip-top condition.
- **Fuel Economy**  
Low viscosity diesel engine oil to significantly reduce fuel consumption versus the conventional 15W-40 diesel engine oil. Up to 1.3% fuel savings.
- **Improved Wear Protection**  
Low temperature flow properties to minimize wear during engine start up in cold weather climates.
- **Optimized Drain Intervals**  
Outstanding high temperature stability for superior control of sludge, varnish, rust, corrosion and other harmful deposits to ensure maximum engine oil life.
- **Protects After Treatment Devices**  
Reduced sulfated ash levels to prevent the clogging of DPF system. Fully compatible with SCR & EGR.

### **MEETS SPECIFICATIONS & REQUIREMENTS OF:**

- API CK-4/CJ-4/SN
- ACEA E9

Suitable for use in various OEMs for heavy loaded high-speed four stroke diesel and gasoline engines of on-road and off-road vehicles designed to meet 2017 exhaust emission standard requiring API CD, CE, CF-4, CG-4, CH-4, CI-4, CI-4, CJ-4, CK-4 and SN/SM/SL/SH/SJ or ACEA E7/E9 engine oil.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

**TYPICAL TEST DATA**

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	5W-30	SAE J300
Kinematic viscosity at:			
40 °C	cSt	59.84	ASTM D445
100 °C	cSt	10.10	ASTM D445
Viscosity index	-	156	ASTM D2270
Cranking viscosity at -30°C	mPa-s	6190	ASTM D5293
Color	-	L4.0	ASTM D1500
Flash point	°C	226	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8495	ASTM D4052
Total Base number	mgKOH/g	7.90	ASTM D2896

**STORAGE AND HANDLING GUIDELINES**

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

**HEALTH, SAFETY & ENVIRONMENT PROTECTION**

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its



# ECO DIESEL 5W-30

## Semi Synthetic

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intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.