



# Renovar® PRESTIGE FULLY SYNTHETIC DIESEL ENGINE OIL API (CJ4/SN)

(Premium Quality, Multigrade, High Performance Engine Oils)

Renovar® multigrade diesel engine oils are premium quality oils formulated using the latest technology, providing low wear for longer engine life, low deposit formation to maintain engine performance and resists breakdown by heat for continuous protection.

## PERFORMANCE BENEFITS

### PREMIUM FORMULATION

- Developed using technology from USA, using the best of synthetic base stocks and additives at peak optimal levels to produce a lubricant that gives the highest performance in protection, engine efficiency & engine cleanliness.

### ENGINE CLEANLINESS

- High thermal stability provides a high standard of protection against piston deposits which, together with high performance dispersants, delivers excellent control of sludge and deposits in the engine.

### LOW ENGINE WEAR

- The combination of active anti-wear additives and good engine cleanliness controls engine wear giving long engine life, maintaining engine power and efficiency.

### HIGH TEMPERATURE PROTECTION

- Resists thermal breakdown even under non-routine high temperature excursions ensuring.

### MULTIGRADE VISCOSITY

- Easier cold starting compared with monograde oils.

## SUPER HIGH PERFORMANCE

- Provides protection and performance in the latest high power heavy duty diesel engines from European and Japanese.

## MEETS SPECIFICATIONS & APPROVALS:

- API CJ-4, CI-4+, CI-4, CH-4
- API FA-4 in SAE 10W30
- ACEA E9-12, E7-12
- Caterpillar ECF-3
- Cummins 20081, 20086, 20087
- Daimler MB 228.31
- DDC 93K222, DDC 93K223, DDC 93K218
- Deutz DQC III-10 LA
- Ford WSS-W2C171-E, WSS-W2C171-F
- Mack EOS-4.5, EO-O Premium Plus
- MAN M3575, M3275
- MTU Category 2.1
- Renault RLD-4, RLD-3
- Volvo VDS-4.5, VDS-4

## Protect the Environment

Dispose of used oils responsibly. Do not discharge into drains, soil or water.

## RENOVAR® API CJ4/SN FULLY SYNTHETIC ENGINE OIL

SAE Viscosity Grade	5W30	5W40	5W50	10W30	15W40	10W40
Kinematic viscosity at 40°C (cSt)	73	96	117	80	119	105
Kinematic viscosity at 100°C (cSt)	12	14.5	19.8	12	15.4	15.61
Density at 15°C	0.8546	0.8548	0.8572	0.8673	0.8715	0.878
Flash point, °C	220	240	250	226	240	225
Pour point, °C	-45	-48	-52	-40	-40	-38
Viscosity Index	168	172	176	145	150	155

These characteristics are typical of current production. Whilst future production will conform to RENOVAR®'s specification, variations in these characteristics may occur.