

# Onshore oils

THE NEW WAVE IN OIL TECHNOLOGY

## TECHNICAL BULLETIN

June 2017



Introducing **Total Rubia Optima 1100 15W40** into our range of Heavy Duty Diesel Engine Oils. Meeting the latest API **CK-4** Specification as well as the ACEA E9/E7 and various OEM Approvals.

Total Rubia Optima 1100 15W40 is the latest Mineral based oil designed for the latest on road diesel technologies and is also backward compatible with the API CJ-4 and previous API specs. This product enables you coverage over a fleet of mixed brands with a minimal number of products.

### Performance and Customer Benefits

In comparison to the previous CJ-4 the CK-4 offers...

**Greater oxidation stability** that disrupts oxidation reactions, preventing the formation of harmful sludge and protecting engines running at higher temperature. However at this time we are not aware of any manufactures allowing longer drain intervals.

**Excellent shear resistance**, maintaining its viscosity in highly loaded contacts and strong engine protection under severe conditions.

Designed to **control aeration exceptionally**, which is important in cooling and protecting engines at higher temperatures and pressures.

**Exceptional detergent, dispersant and anti-wear additives** to keep the engine's most sensitive parts clean and enable effective control of soot, sludge and piston deposits.

**Low-SAPS** (low sulphated ash, phosphorus and sulphur) **formulation**, improving the post-treatment system durability

### Contact us

Please don't hesitate in contacting your friendly Sales Representative or our Office Staff should you have any technical questions or require further information.

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