Technical Data Sheet

Shell **Rimula** *T5 E 10W-30*

- *Unique Active Technology*
- *Modern Engine – High Power Use*
- *Fuel Economy Diesel Engine oil*

Multigrade Heavy Duty Diesel Engine Oils

Shell Rimula T5 E oils use exclusive combinations of high performance additives to ensure that the oil adapts and protects under the full range of pressures and temperatures found in modern engines - one oil for fleets with multiple engine makes.
THE ENGINE OIL TESTED AND APPROVED AS A FUEL EFFICIENT OIL BY TATA MOTORS LIMITED.

ENERGISED PROTECTION
Adapting to your engine's changing needs

Performance, Features & Benefits

- **Fuel Economy**

  Through use of Shell's advanced technology, Shell Rimula T5 E offers enhanced fuel economy capability* that can save money in fuel consumption while maintaining engine protection or durability.

  *E.g. compared to high viscosity oils.

- **Meets severe requirements of engine with EGR technology**

  Meets the engine oil requirements of low emission EGR engines producing high soot levels, as well as older engines reducing the need for additional oils in the fleet.

- **Improved engine cleanliness**

  The exclusive additive system delivers improved engine cleanliness and protection against piston deposits.

- **Cold weather protection**

  Shell Rimula T5 E 10W-30 allows quicker cold starting than conventional 15W-40 or even 10W-40 oils. This means longer battery and starter motors life as well as less engine wear in cold climate operations.

Main Applications

- **On-highway heavy duty application**

  Particularly suited for a wide range of trucking and transportation applications in vehicles meeting BS II, III & IV requirements.

- **Construction, mining, High speed stationary DG sets running on diesel & other off highway applications**

  Shell Rimula T5 E is recommended for most engine types found in construction & mining equipments as well as other off high-way applications.

Specifications, Approvals & Recommendations

- API CI-4 Plus, CI-4, CH-4, CG-4, SL
- Cummins CES 20078, 20077, 20076
- MB Approval 228.3
- TATA

  For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

Typical Physical Characteristics

Properties			Method	Shell Rimula T5 E
SAE Viscosity Grade				10W-30
Kinematic Viscosity	@40°C	mm2/s	ASTM D445	78
Kinematic Viscosity	@100°C	mm2/s	ASTM D445	12.3
Dynamic Viscosity	@-25°C	mPa-s	ASTM D5293	6390
Density	@15°C	kg/l	ASTM D4052	0.875
Flash Point (COC)		°C	ASTM D92	210
Pour Point		°C	ASTM D97	-33
TBN		mg KOH/g	ASTM D2896	10.77

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

Health, Safety & Environment

- **Health and Safety**

  Shell Rimula T5 E is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

  Advice on applications not covered here may be obtained from your Shell representative.