



Shell Rotella® T1 Hydraulic 10W^{*} • Reliable Lubrication

High Quality Hydraulic Oil

Shell Rotella® T1 Hydraulic uses performance additives to prevent wear providing reliable lubrication.

Performance, Features & Benefits

- **Reliable performance**
Provide reliable all-year-round performance in the applications for which they are intended.
- **Proven durability**
Shell Rotella® T1 Hydraulic provides good rust and corrosion protection in hydraulic systems.

- Shell Rotella® T1 is suitable for heavy equipment used for construction, mining or quarry operations.

- **Hydraulic and transmissions**

Shell Rotella® T1 oils can be used in certain transmission and mobile hydraulic systems where the equipment manufacturer recommends use of monograde engine oils.

Main Applications



- **Hydraulic Application**
Shell Rotella® T1 hydraulic is suitable for industrial hydraulic system, fluid power transmission and marine hydraulic system.

Specifications, Approvals & Recommendations

- API CF
- Vickers 35VQ25
- For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Rotella® T1 Hydraulic 10W
SAE Viscosity Grade				10W
Kinematic Viscosity	@40°C	cSt	ASTM D445	38
Kinematic Viscosity	@100°C	cSt	ASTM D445	6.5
Viscosity Index			ASTM D2270	120
Density	@15°C	kg/l	ASTM D4052	0.876
Total Base Number			ASTM D2896	6
Flash Point (Cleveland Open Cup)			ASTM D92	205
Pour Point			ASTM D97	-33

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 Rotella® T1 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 Safety Data Sheet, which can be obtained from your Shell representative.

- **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.