

## Valtorque C4 SAE 10W

Valtorque C4 SAE 10W is a heavy duty transmission fluid designed for use in a range of applications such as Allison, Caterpillar and Komatsu transmissions. Valtorque C4 SAE 10W is formulated from premium base stocks and a select additive system to meet the challenging demands of modern equipment. The oil provides friction material and elastomer compatibility while grading against gear wear, rust and corrosion, foaming and oxidation.

Valtorque C4 SAE 10W Transmission Fluid range also meets the performance requirements of Komatsu equipment, Caterpillar Power shift including Dana Powershifts where TO-4 is specified, Eaton Fuller and Termec/TTC equipment.

### Specifications and Approvals

<b>Valtorque C4 10W*</b>
API GL-4
Allison transmission C-4 SAE 10W
Caterpillar Powershift Transmission TO-4M
Caterpillar TO-4
Caterpillar TO-2

\*Check owners' manual before use

### Applications:

Suitable for transmissions of trucks, buses, other heavy duty vehicles, final drives and hydraulic systems requiring a fluid meeting Caterpillar TO-4 or Allison C-4.

**Note:** Always consult the equipment or vehicle owners' manual before use to determine product suitability before use. Do not use as engine oil.

### Features and Benefits

#### **Longer Life**

Purpose engineered and designed to protect and extend the life and performance of heavy duty transmission, drive trains and hydraulics

#### **Enhanced friction properties**

Wear protection using advance additives and specially selected base stocks ensures excellent wear protection and enhances component life

#### **Heavy Duty Application**

Multi-Purpose designed for use in heavy duty transmissions and drive trains in a wide range of automotive, mining earthmoving and farming applications

#### **Cleaner operation**

Formulated to keep metal parts cleaner and free of varnish and sludge deposits for reliable operation

#### **Smoother Operation**

Frictional additive system helps prevent clutch slippage for quieter transmission and brake operation.

## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvoline.com.au](http://www.valvoline.com.au) or contact the Technical Hotline on 1800 804 658 for product recommendations.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Valtorque C4 SAE 10W	Typical
SAE Viscosity Grade	10W
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	6.1
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	35.85
Viscosity Index, ASTM D2270	117
CCS Viscosity, mPa.s @ -25 °C, ASTM D5293	3302
Density @ 15 °C, kg/L, ASTM D4052	0.870
Flash Point, COC, °C, ASTM D-92	222
Pour Point, °C, ASTM D5950	-39
Total Base Number, mg KOH/g, ASTM D2896	7.47

**Note:** Valtorque C4 SAE 10W may be unsuitable for use in certain applications, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1248.20	20L
1248.51	205L

## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website [www.valvoline.com.au](http://www.valvoline.com.au)

## Protect the Environment

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

## Storage

Storage We recommend storing all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

## Author:

FM - Effective 03-07-2017  
Replaces - 1248/04