



**THE INNOVATIVE  
AUSTRALIAN**

# Torque Transmission Oils

## Product Data Sheet

*High Performance, Oil for Power Shift Transmissions*

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**Torque Fluid** is a range of high quality transmission oils to meet the requirements of Allison, Caterpillar and Komatsu in power shift transmissions, final drives, hydrostatic transmissions torque convertors and hydraulic systems in off-highway equipment. Also recommended for any systems requiring Allison C4 or Caterpillar TO-4 specification oils.

### **Summary of Benefits:**

- These fluids have excellent compatibility with new elastomer seal materials.
- Excellent frictional properties to maintain performance and prevent slippage.
- The 30 and 50 grades are primarily for heavy duty applications. The 50 grade also has on highway applications in transmissions where a SAE: 50 CD or CF rated oil is required (e.g. Road Ranger)

### **Specifications:**

- API: CF, MT-1
- SAE Viscosity: 10W, 30, 50
- Allison C-4
- Caterpillar: TO-4, TO-4M
- Komatsu: KES 07.868.1 (2002)
- ZF: TE-ML-03C , TE-M0-7F

**Product Code:** 10W- 3710, 30- 3730, 50 -3750

**Product Size:** 20L, 205L, 1000L

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#### **Typical Characteristics:**

	<b>10W</b>	<b>30</b>	<b>50</b>
Density @15°C	0.880	0.894	0.900
Flash Point °C COC	210	215	240
Pour Point °C	-33	-27	-18
Kinematic Viscosity at 40°C cSt	28	105	210
Kinematic Viscosity at 100°C cSt	5.0	12.1	18.8
Viscosity Index	104	105	100
Total Base Number (mgKOH/g)	9.2	9.2	9.2

\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

#### **Storage:**

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

#### **Health, Safety and Environment:**

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email [info@royallubricants.com.au](mailto:info@royallubricants.com.au)

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