

## PRODUCT DATA SHEET

# **Powertech C-4 Torque Fluid**

## ***Hydraulic Transmission Fluid***



### **PRODUCT DESCRIPTION:**

***Powertech C-4 Torque Fluid*** is a premium quality hydraulic transmission fluid that is approved by the Allison Division of General Motors Corporation for use in Allison power shift transmissions.

***Powertech C-4 Torque Fluid*** is blended with selected paraffin base stocks fortified with additives designed to inhibit foaming, corrosion and oxidation. Pour point depressant additives also provide low temperature characteristics that aid in starting mobile equipment. This product supersedes and includes the C-2/C-3 Allison specifications and assures top performance of the machinery for which this product is recommended.

### **KEY FEATURES:**

- Premium additive package with excellent anti-foam additives
- Formula provides cold temperature performance as well as high temperature protection
- Wide range of seal compatibility
- Excellent frictional characteristics
- High performance anti-wear package
- Contains premium anti-oxidant, anti-foam agents, seal swell, and rust and corrosion inhibitors

### **CUSTOMER BENEFITS:**

- Exceeds performance requirements for manufacturers' specifications and prevents foaming to ensure better transmission performance
- Allows greater mobility and lubrication at low operating temperatures with improved flow characteristics while still providing excellent protection under high operating conditions
- Minimizes seal deterioration and leaking due to incompatibility issues with lesser quality fluids
- Provides optimum transmission shifting with less clutch wear and better mileage
- Protects and gives longer equipment and component life and reduced overall maintenance costs.
- Provides excellent protection against varnishing, rust, and excessive wear and deterioration of fluid extending transmission life

### **PACKAGING:**

Drums, Totes, Pails and Quarts

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#### APPLICATIONS:

Powertech C-4 Torque Fluid is formulated for Allison Transmissions and may be used in other applications such as hydraulic systems needing a premium additive package to protect vital pumps and equipment.

#### SPECIFICATIONS AND APPROVALS:

Allison C-4, C-3, C-2

### Typical Properties

Powertech C-4 Torque Fluid		
Product Number	211	Test Method
API	33.26	-
Specific Gravity@60°F	0.85882	ASTM 4052
Lbs/Gal	7.152	
Density	0.85834	
Flash Point@°C	181	ASTM D445
Pour Point@°C	-42	ASTM D97
ASTM Color	<4.5	ASTM D1500
Viscosity@40°C, cSt	7	ASTM D445
Viscosity@100°C, cSt	32.41	ASTM D445
Viscosity Index (VI)	163	

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.*

#### Health and Safety:

*When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, [www.royalmfg.com](http://www.royalmfg.com), or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.*