



Gulf HT Fluid C-4

Heavy Duty Automatic Transmission Fluid

Product Description

Gulf HT Fluid C-4 series are specially designed for heavy duty automatic and powershift transmissions on off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications and requiring Allison C-4 quality fluids. These oils are blended from highly refined base oils and proven performance additives to provide enhanced wear protection, thermo-oxidative stability, frictional characteristics and rust & corrosion protection. These oils are tested and evaluated in accordance with the Allison C4 Automatic Transmission Fluid Specification (TES-228) and offer satisfactory performance when used in most Allison C4 transmissions.

Features & Benefits

- Improved thermo-oxidative stability and protection of metal surfaces against scuffing and wear gives longer oil and equipment life
- Very good control of frictional properties prevents clutch slippage and ensures smoother operation of transmissions and brakes
- Provides good protection against rust and corrosion to precision equipment components when operating in humid conditions
- Excellent foam control ensures effective wet brake and transmission performance and controls brake chatter
- Good compatibility with all common seals, O rings, packing materials and clutch materials leads to reduced downtime
- Very good low temperature fluidity (SAE 10W grade) ensures quick startup of equipment

Applications

- Automatic and Powershift transmissions requiring Allison C-4 quality fluids
- Heavy duty manual transmissions, gear boxes, final drives and hydraulic systems used in off-highway equipments for Earthmoving, agricultural, logging, construction and mining applications requiring fluids meeting Allison C-4 fluid requirements.
- Industrial torque converters and hydraulic systems where such type of fluids are specified
- Not suitable for use in Allison 1000/ 2000/ 2400 and MD/ HD/ B Series™ Transmissions.

Specifications, Approvals & Typical Properties

Meets the following Specification		10W	30
Allison C4 Automatic Transmission Fluid Specification (TES-228)		x	x
Has the following Approval			
Allison C-4		x	x
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	6.0	10.7
Viscosity Index	D 2270	110	100
Flash Point, °C	D 92	220	234
Pour Point, °C	D 97	-39	-27
Density @ 15°C, Kg/l	D 1298	0.8918	0.8985

Oct 2007

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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