



## **Tractran TF-10**

Tractor Transmission/Hydraulic Fluid

# **Product Data**

## **Description**

**Tractran TF-10** is a high performance fluid blended to meet the complex transmission/hydraulic requirements of modern tractors.

It has the necessary extreme pressure properties and film strength to provide good gear lubrication for manual or power-shift tractor transmissions.

It also provides the anti-wear, anti-foam, anti-oxidation and viscosity characteristics essential for a quality hydraulic fluid.

**Tractran TF-10** also provides the optimum frictional characteristics necessary for effective operation of oil-immersed clutches, brakes and fluid couplings.

## **Benefits**

- Superior gear wear protection and frictional characteristics for wet brakes and power-take-off clutches.
- Good water tolerance and excellent filterability necessary for maintaining hydraulics performance.
- Good thermal/oxidative stability and high level of shear stability.
- Excellent anti-corrosion and anti-rust properties.

## **Specifications**

**Tractran TF-10** meets the following specifications:

- API GL4 (low speed/high torque)
- SAE 80W
- ZF TE-ML 03E
- ZF TE-ML-21F

**Tractran TF-10** can be used in transmission/differential applications wherever the following manufacturers' specifications are called for:

- Massey Ferguson M1145



## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

## Health & Safety Recommendations

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. BP Australia will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office.

## Typical characteristics

Test	Method	Unit	Typical Value
Density @ 15°C,	ASTM D4052	kg/L	0.891
Flash Point (COC)	ASTM D92	°C	205
Kinematic Viscosity @ 40°C	ASTM D445	cSt	56.3
Kinematic Viscosity @ 100°C	ASTM D445	cSt	10.0
Viscosity Index	ASTM D97	-	140
Pour Point	ASTM D97	°C	-36

*The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.*

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