



Product Data

BP Autran 4 50 Powershift Transmission Fluid

Description

BP Autran 4 50 is a transmission fluid specifically developed for use in powershift, direct drive transmissions, wet-disc brakes, differentials and final drives of Caterpillar equipment where Caterpillar TO-4 performance level is required

Advantages

- Improved friction and antiwear performance compared to CD/TO-2 fluids.
- Stable friction characteristics, eliminating transmission slippage and reducing excessive brake noise making transmissions easier to operate.
- Enhanced wear protection to final drive gears leading to longer unit life.
- Excellent oxidation stability, and protection against corrosion and rust.

Typical Characteristics

Name	Method	Units	Autran 4 50
Density @ 15C, Relative	ASTM D1298	g/ml	0.9
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	18.0
Calcium, % wt	ASTM D4927	% wt	0.31
Zinc, % wt	ASTM D4927	% wt	0.12
Viscosity Index	ASTM D2270	None	95
Flash Point, COC	ASTM D92	°C	230

Product Performance Claims

Meets CAT TO-4
Recommended for use in Komatsu Equipment.

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 damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

BP Autran 4 50
01 May 2017
BP, the BP logo and related marks are trademarks of BP p.l.c., used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Lubricants UK Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Lubricants UK Telephone: 01793 512712, Automotive Technical Helpline: 0845 082 1719 Orders/Enquiries: 0845 6008125
www.bp.com