



BP Transmission Oil S-CD 50

Synthetic Heavy Duty Transmission Oil

Product Data

Description and applications

BP Transmission Oil S-CD 50 is a fully synthetic lubricant designed for extended drain and severe service in heavy duty manual transmissions, transfer cases and differentials.

It is approved for Eaton/Fuller transmission Road Ranger, covered by their extended warranty. Additionally it is approved by Meritor/Rockwell transmissions in extended drain operations.

The recommended service interval for **BP Transmission Oil S-CD 50** is 400,000kms or 2 years maximum. For off-highway or arduous operations, the drain interval should be reduced and monitored by oil analysis at least every 100,000kms.

Benefits

- Extended oil drain which can lead to lower running costs.
- High viscosity index and low pour point providing optimum all-climate, year round lubrication with better cold-weather gear shift.
- Improved resistance to oxidation at high temperatures, allowing for extended drain intervals, reducing costs.
- Extremely high film strength for improved gear life, longer wear, reduced maintenance costs.
- Extended seal life for reduced maintenance costs and minimum downtime.

Specifications

BP Transmission Oil S-CD 50 meets or exceeds all the performance requirements of:

- API MT1
- Eaton PS164 rev 7
- Arvin Meritor 0-81 (pending)
- International TMS 6816
- Mack Truck TO-A-Plus
- ZF TE-ML-02L (pending)



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	Units	Typical Value
Appearance	Visual	Visual	Clear Amber Fluid
Density @ 15°C	ASTM D1298	Kg/L	0.86
Kin. Viscosity @ 40°C	ASTM D445	cSt	132
Kin. Viscosity @ 100°C	ASTM D445	cSt	18.0
Viscosity Index	ASTM D2270	-	146
Pour Point	ASMN D97	°C	<-45

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

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