

Sperry Tri-Master

Description

Sperry Tri-Master is a Universal Tractor Transmission Oil for lubricating the transmissions of tractors and farm machines; it is fully compatible for use in oil bath brakes, side final drives, differentials & hydraulic lift mechanisms.

Sperry Tri-Master is especially suitable for use in Carraro Driveteck trans-axels used in agriculture and construction machines.

It can also be used in mechanical steering, hydrostatic or power steering & clutch mechanisms.

Characteristics:

- Outstanding fluidity when cold to minimize power absorption and improve the output of the hydraulic circuit.
- Optimum friction characteristics enabling effective braking with absolutely no noise.
- Superior oxidation resistance maintaining physical and friction properties throughout oil life.

Specification

- Allison C-4
- Massey Ferguson CMS M1145
- ZF TE-ML 17E
- API GL-4
- CNH MAT 3525
- John Deere JDM 20D

Test description

Tests	UOM	Method	10W-30	20W-40
Appearance	----	Visual	Clear & Bright	Clear & Bright
Density @ 29.5°C	g/cm3	ASTM D 4052	0.89	0.89
Colour		ASTM D 1500	L3.0	L3.0
Kinematic Viscosity @ 40°C	cSt	ASTM D 445	90	99.58
Kinematic Viscosity @ 100°C	cSt	ASTM D 445	11.3	11.5
Viscosity Index	----	ASTM D 2270	112	104
Flash Point (COC)	°C	ASTM D 92	236	250
Pour Point	°C	ASTM D 97	-36	-30
Brookfield Viscosity @ -18°C	cP	ASTM D 2983	5400	-
FZG Gear Scuff test		A/8.3/90	10 Pass 11 Fail	-
4 Ball EP Load Wear Index		ASTM D 2783	58	-
Weld Point kg			270	-
4 Ball Wear Scar dia	mm	ASTM D 4172	0.35	-

Above values are typical indicative.

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Manufacturing plant Quality System | Laboratory Quality System
ISO 9000, ISO 14000, ISO 18000 | ISO 17025