



A brand of **TOTAL**

# TRACTELF KTR 4 SAE 10W SAE 30 SAE 50



**Lubricant for wet disk brake transmissions and hydraulic systems for agricultural tractors and Public Works or handling equipment.**

## APPLICATIONS

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| <p><b>Hydraulic system</b></p> <p><b>Powershift gearbox</b></p> <p><b>Axle</b></p> <p><b>Final drive</b></p> <p><b>Mechanical gearbox</b></p> | <ul style="list-style-type: none"> <li>• Hydraulic system, powershift gearbox, axle and final drives for which the manufacturer recommends a fluid meeting one of the hereunder mentioned specifications</li> <li>• For hydraulic system, powershift gearboxes, axles and final drives of CATERPILLAR equipment between -10°C and +40°C:             <ul style="list-style-type: none"> <li>- grade SAE 10W is used in hydraulic systems</li> <li>- grade SAE 30 is used in powershift gearboxes</li> <li>- grade SAE 50 is used in axles and final drives</li> </ul> </li> </ul> |
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*Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer*

## PERFORMANCES

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| <p><b>Meets manufacturers specifications</b></p> <p><b>Suitable for transmission systems of</b></p> | <p>ALLISON : C4 (SAE 10W &amp; SAE 30)<br/>CATERPILLAR : TO-4<br/>KOMATSU : MICRO-CLUTCH<br/>KOMATSU KES 07-868-1</p> <p>ALLISON, DANA, EATON FULLER, KOMATSU, ROCKWELL, ZF...</p> |
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## CUSTOMER BENEFITS

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| <p><b>Consistent shifting</b></p> <p><b>Long component life</b></p> <p><b>Good seal compatibility</b></p> <p><b>Reliable service life</b></p> | <ul style="list-style-type: none"> <li>• Friction properties adapted to the types of equipment referenced</li> <li>• Excellent antiwear and anticorrosion properties</li> <li>• Controlled swelling, hardening and cracking of seals to avoid leakage</li> <li>• Outstanding oxidation stability and antifoam properties for good deposit control</li> </ul> |
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## CHARACTERISTICS

Test Description	Method	Units	SAE 10W	SAE 30	SAE 50
Density at 15°C	ASTM D4052	Kg/m <sup>3</sup>	869	878	896
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	37	105	226
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	6.2	11.0	19.4
Viscosity index	ASTM D2270	-	116	102	97
Pour point	ASTM D97	°C	-36	-30	-18
Flash point	ASTM D92	°C	227	260	265

*The typical characteristics mentioned represent mean values*

