

# CHAMPION U.T.T. OIL 50

Full synthetic oil designed to deliver exceptional performance for wet brakes across a wide temperature range and under all operating conditions. It provides superior wear protection, reduces friction (hence lower fuel consumption), and minimizes brake noise.

## APPLICATIONS

This oil is primarily intended for the Volvo "standard 97304 [WB 102]" applications. But can also be used for automatic transmissions, hydraulic systems, wet brakes, convertors for tractors, forklifts and different off-highway equipment providing the viscosity grade 75W80 is recommended.

## FEATURES

Anti-wear and oxidation stability; reliable protection of all parts

## SPECIFICATIONS

<b>API</b>	GL-4	<b>MF</b>	M 1145
<b>DIN</b>	51524 T3 HVLPD	<b>NH</b>	NH 410B/C
<b>AGCO/ALLIS</b>	821 XL	<b>VALTRA</b>	G2-08
<b>CASE</b>	MAT 3505/3525/3526	<b>VALTRA</b>	G2-B10
<b>CASE</b>	MAT 3540	<b>VOLVO</b>	97303/WB101
<b>CASE</b>	MS 1206/1207/1209	<b>VOLVO</b>	97304/WB102
<b>CLAAS</b>	RENAULT AGRICULTURE	<b>ZF</b>	TE-ML 03E
<b>FORD</b>	ESN-M2C134 D	<b>ZF</b>	TE-ML 05F
<b>FORD</b>	FNHA-2-C-201.00	<b>ZF</b>	TE-ML 06D
<b>JD</b>	J20 D	<b>ZF</b>	TE-ML 06K
<b>KUBOTA</b>	SUPER UDT <sup>2</sup>	<b>ZF</b>	TE-ML 06N
<b>KUBOTA</b>	UDT	<b>ZF</b>	TE-ML 06R
<b>MC CORMICK</b>	HTX	<b>ZF</b>	TE-ML 17E
<b>MF</b>	M 1143	<b>ZF</b>	TE-ML 21F

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.857
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	40.8
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	7.7
Viscosity index	ASTM D2270		161
B.N. [HClO <sub>4</sub> method]	ASTM D2896	mg KOH/g	7.4
Pour point	ASTM D6892	°C	-48
Brookfield viscosity at -40°C	ASTM D2983	mPa.s	23700

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

### CHAMPION CHEMICALS NV

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