

CHAMPION XRS 15W-40

High performance formulation specifically developed for the lubrication of equipment used in construction, agriculture and public works machines. Particularly suited for use with lower quality fuels, with high sulfur content. It covers a wide set of applications such as engines, hydraulic systems, manual and powershift transmissions.

APPLICATIONS

Engine application: This higher TBN oil is advised for the lubrication of heavy duty diesel low-emission engines without particulate filter (Euro II, Euro III and some Euro IV engines). Gearboxes, powershift or manual, power take-off. Hydraulic systems of agricultural tractors and off-highway equipment.

FEATURES

Total engine protection: outstanding engine cleanliness and durability

Anti-wear and oxidation stability: proven protection of critical parts

SPECIFICATIONS

ACEA	E3	GLOBAL	DHD-1
ACEA	E5	JCMA	HK 68W
ACEA	E7	JD	J20C
API	CG-4	JD	J27
API	CH-4	KOMATSU	CLUTCH: TO-40
API	CI-4	KOMATSU	HO-68
API	GL-4	MAN	M3275
API	GL-5 [Low speed/high torque]	MB	228.3
API	SF/CE	MF	M 1135
DIN	51524 T3 HVLPD	MF	M 1139
ISO	VG 68 [After 100h]/HV	MF	M 1143
JASO	DH-1	MF	M 1144
ALLISON	C4	MF	M 1145
CASE	MAT 3525	MTU	Oil Category 2
CASE	MAT 3526	NH	NH 024C
CASE	MS1230 [Hot Countries]	NH	NH 330H
CATERPILLAR	ECF-2	RENAULT	RLD
CATERPILLAR	TO-4	RENAULT	RLD-2
CATERPILLAR	TO-4M	Sauer Sunstrand/Danfoss	Hydro Static Trans Fluid
CUMMINS	CES 20076	VOLVO	VDS-3
CUMMINS	CES 20077	ZF	TE-ML 03A
CUMMINS	CES 20078	ZF	TE-ML 05K
DEUTZ	DQC-III-10	ZF	TE-ML 06A
DEUTZ	DQC-III-18	ZF	TE-ML 06B
DTFR	15B110	ZF	TE-ML 06C
EATON VICKERS	M-2950-S	ZF	TE-ML 07B
FORD	ESN-M2C-134 C/D	ZF	TE-ML 07D
FORD	ESN-M2C159 B/C		
FORD	FNH 82009203		

CHAMPION CHEMICALS NV

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TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.890
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	101
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.9
Viscosity index	ASTM D2270		139
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	15.3
Pour point	ASTM D6892	°C	-36
Flash Point COC	ASTM D92	°C	220

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

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