

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	E5	MB	228.3
ACEA	E7	MTU	Oil Category 2
ALLISON	C4	RENAULT	RLD
API	CH-4	RENAULT	RLD-2
API	CI-4	VOLVO	VDS-3
API	GL-4	ZF	TE-ML 07D
CATERPILLAR	ECF-2	DAIMLER TRUCK	DTFR 15B110
CATERPILLAR	TO-4	CATERPILLAR	TO-4M
CUMMINS	CES 20076	KOMATSU	HO-68
CUMMINS	CES 20077	NH	NH 330H
CUMMINS	CES 20078	ISO	VG 68 (After 100h)/HV
GLOBAL	DHD-1	JCMA	HK 68W
JASO	DH-1	CASE	MS1230 (Hot Countries)
MAN	M3275	KOMATSU	CLUTCH: TO-40

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. (HCL04 method)	ASTM D2896	mg KOH/g	15.4
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.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

