

CHAMPION CORS COMBI 10W30 LA

High performance formulation specifically developed for the lubrication of equipment used in construction, agriculture and public works machines. It offers considerable fuel saving and covers a wide set of applications such as engines, hydraulic systems, manual and powershift transmissions.

APPLICATIONS

Engine application: This oil is advised for the lubrication of heavy duty diesel engines and vehicles with and without particulate filter, it meets the requirements of the latest engine technologies with emission control systems Stage IIIB, Stage IV Final and Tier 4i, Tier 4 Final, as well as older generations (Stage I, II, IIIA, Tier 1, 2, 3). Gearboxes, powershift or manual, power take-off. Hydraulic systems of agricultural tractors and off-highway equipment.

FEATURES

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

Cold start: excellent fluidity at low temperature

PERFORMANCE

ACEA	E9/E7/E5	DEUTZ	DQC-III-10/10LA
API	CJ-4/CI-4 Plus/CI-4/CH-4	GLOBAL	DHD-1
API	GL-4/SAE30	KOMATSU	CLUTCH: TO-10,30
ISO	VG 46(After 100h)/HV	KOMATSU	HO-46 (HV)
JASO	DH-1/DH-2	MACK	EO-0 Premium Plus
JCMA	HK 46W(extend.drain)	MAN	M3275-1/M3575
ALLISON	C4	MB	228.3
CASE	MS1230	MB	228.31
CATERPILLAR	ECF-3/ECF-2/ECF-1a	MTU	Oil Category 2 / 2.1
CATERPILLAR	HYDO ADVANCED 10/30	RENAULT	approval RLD-2/RLD-3
CATERPILLAR	TO-4 (SAE10W,30)	VOLVO	approval VDS-3/VDS-4
CUMMINS	CES 20081/78/77/76	ZF	TE-ML 07D

CHAMPION CHEMICALS NV

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www.championlubes.com





TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.860
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	74.5
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.8
Viscosity index	ASTM D2270		153
B.N. (HClO ₄ method)	ASTM D2896	mg KOH/g	10.2
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	5800
Flash Point COC	ASTM D92	°C	224

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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