

CHAMPION MULTI HDS M.O. SF/CC

VERY HIGH QUALITY MOTOROIL, INTENDED FOR THE LUBRICATION OF MODERN ENGINES.

DESCRIPTION :

CHAMPION MULTI HDS M.O. SF/CC is an oil, especially manufactured for the lubrication of modern engines, working under severe conditions.

Viscosity classes : 5W30 (semi-synthetic) / 10W30 / 10W40 / 15W40 / 15W50 / 20W40 / 20W50.

ADVANTAGES :

- ❖ Detergent and dispersant properties, adapted to the requirements of modern engines.
- ❖ Very good resistance against oxidation.
- ❖ Low ash content.

SPECIFICATIONS :

API	SF/CC	FORD	SSM-2C 9011A
MIL	MIL-L-2104 B	MB	226.1
	MIL-L-46152 B	VW	501.01
CCMC	G2/D1		

CHAMPION MULTI HDS MOTOROIL oils were especially developed in order to meet the requirements of the lubrication of modern engines, this in function of the higher output, the reduced oil sump and the longer drain periods.

APPLICATIONS :

CHAMPION MULTI HDS MOTOROIL is recommended for the lubrication of all gasoline engines, diesel engines of passenger cars and light trucks without turbo.

TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result						
			5W30	10W30	10W40	15W40	15W50	20W40	20W50
SAE-class			5W30	10W30	10W40	15W40	15W50	20W40	20W50
Density at 15°C	D 4052	kg / m ³	878	878	877	883	879	888	888
Viscosity at -30°C	D 5293	cP	6550	-	-	-	-	-	-
Viscosity at -25°C	D 5293	cP	-	6300	6900	-	-	-	-
Viscosity at -20°C	D 5293	cP	-	-	-	6750	6500	-	-
Viscosity at -15°C	D 5293	cP	-	-	--	-	-	8800	8320
Viscosity at 40°C	D 445	cSt	70	72	95	110	135	115	158
Viscosity at 100°C	D 445	cSt	10,3	10,2	13,7	14,2	17,5	14	17,5
Viscosity index	D 2270		133	126	146	131	143	121	121
Flash point COC	D 92	°C	215	210	220	220	230	240	240
TBN	D 2896	g KOH/kg	4,4	4,4	4,4	4,4	4,4	4,4	4,4
Pour point	D 6892	°C	-33	-33	-30	-26	-26	-20	-24
Sulphated ash	D 874	mass %	0,83	0,83	0,83	0,83	0,83	0,83	0,83

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

815 - 825 - 826 - 836 - 837 - 846 - 847

January, 2008.