

## CHAMPION M.O. HD A S 1

**MONOGRADE OILS FOR GASOLINE AND DIESEL ENGINES IN NORMAL WORKING CONDITIONS.**

### DESCRIPTION :

CHAMPION M.O. HD A S 1 are engine oils, based on excellent base oils and additives to provide detergency, corrosion resistance and wear protection.

Viscosity classes : SAE 30, 40 and 50.

### ADVANTAGES :

- ❖ Anti-wear properties.
- ❖ Detergent.
- ❖ Good resistance against oxidation.
- ❖ Good protection against corrosion.

### SPECIFICATIONS :

API	SC/CB
MIL	MIL-L-2104 A MIL-L-2104 A supplement 1
FORD	M2C-101-A

### APPLICATIONS :

- ❖ Gasoline engines.
- ❖ Diesel engines with natural aspiration.
- ❖ Air compressors.

### TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result		
SAE-class			30	40	50
Density at 15°C	D 4052	kg / m <sup>3</sup>	887	891	896
Viscosity at 40°C	D 445	cSt	98	152	195
Viscosity at 100°C	D 445	cSt	11,0	14,7	17,8
Viscosity index	D 2270		96	95	99
Pour point	D 6892	°C	-24	-15	-9
TBN	D 2896	g KOH/kg	3,2	3,2	3,2
Flash point COC	D 92	°C	235	251	255

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