



## Product Specification

Edition: 21/04/2017

### CO5W30D2

Semi synthetic engine oil.

Substit.  
edition: 31/01/2014

**MEETS SPECS:** API SN SM/CF, ACEA C3-12, MB-229.52/229.51/229.31, MB- 226.5, BMW LL-04, VW 502.00/505.00/505.01, FIAT 9.55535.S2/S3, GM DEXOS 02, PSA B71 2297, PORSCHE C30, Ford M2C-917A

PARAMETERS	MEASURE UNIT	METHOD	VALUE		
			MIN.	MAX	TYP.
Appearance		ASTM D 4176/1	C & B		
Density at 15°C	Kg/mc	ASTM D 1298		865	
Viscosity at 40°C	cSt	ASTM D 445			60
Viscosity at 100°C	cSt	ASTM D 445	9,5	12,3	
Viscosity index		ASTM D 2270	140		
Flash point COC	°C	ASTM D 92	200		
Pour point	°C	ASTM D 97		-27	
T.B.N. (Total Basic Number)	mgKOH/g	ASTM D 2896			6,7
Sulfated ash	%w	ASTM D 874		0,8	
Calcium	%w	ASTM D 4927	0,146	0,177	
Zinc	%m	ASTM D 4927	0,064	0,084	
phosphor	%w	ASTM D 4927	0,058	0,077	
C.C.S. at -30°C	cP	ASTM D 5293		6600	