



# Technical Data Sheet

Lubricants

## Synthetic engine oil 5W30 C2/C3

Reference : HU4098

Synthetic oil perfectly suited to petrol, diesel and direct injection diesel engines. It provides wear protection, engine cleanliness and fuel economy. Low ash, phosphorus and sulfur additives ("Low SAPS" technology) also increase longevity of exhaust gas post-treatment systems.

Formula particularly suitable when ACEA C2 or C3 performance level is required.

### Specifications

- ✓ ACEA C2, C3
- ✓ API SN
- ✓ MB 229.31

### Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	5W30		
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	12.3	11.8	12.5
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	75	-	-
Viscosity index	ASTM D 2270	-	164	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	5200	-	6600
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.6	3.5	-
MRV viscosity @ -35°C	ASTM D 4684	mPa.s	27000	-	60000
Density @ 20°C	ASTM D 7042	-	0.846	-	-
Pour point	ASTM D 97	°C	-41	-	-27
T.B.N.	ASTM D 2896	Mg KOH/g	7.6	6.9	7.9
Sulfated ash	ASTM D 874	% mass	0.75	-	0.8
Spectrometric analysis	ICP	ppm			
Phosphorus			790	700	900
Zinc			880	750	1000
Calcium			2000	1800	2200
Sulfur			2700	-	3000
NOACK volatility	ASTM D 5800	% mass	10.1	-	12
Colour	ASTM D 1500	-	3.5	-	4.0

### Security

See Safety Data Sheet