



Technical Data Sheet (TDS) SAE 20W-50 API CF-4

High-quality, universal engine oil of the latest generation, which is suitable for all vehicles, both gasoline and diesel, particularly for mixed fleets. It exhibits good detergent and dispersant properties and a great capacity to neutralize acid. The strong oil film gives it a great lubricity.

APPLICATIONS

Because of its large application field, it is suitable for gasoline engines (four-valve, turbo, etc.) and turbo diesel engines for passenger cars and heavy trucks, even with extended oil change periods.

FEATURES

Total engine protection: performance in keeping the engine clean

PERFORMANCE

ACEA	A3/B4-98	MAN	271
ACEA	E2-level	MB	228.1
API	CF-4	MTU	Oil Category 1
ALLISON	C4 Level	VOLVO	VDS level
CATERPILLAR	TO-2		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.881
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	100
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	14.0
Viscosity index	ASTM D2270		142
B.N. (HClO ₄ method)	ASTM D2896	mg KOH/g	7.6
Pour point	ASTM D6892	°C	-33
CCS viscosity at -20°C	ASTM D5293	mPa.s	6800
Sulfated Ash	ASTM D874	Mass %	1.15
Flash Point COC	ASTM D92	°C	228

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