



Technical Product Sheet

XK1 SYNTHETIC PLUS TECHNOLOGY ENGINE OIL

SAE 5W-20 (SN/CF – C5 – GF-5)

DESCRIPTION:

fully synthetic lubricant particularly suitable for the latest generation engines (in particular hybrid vehicles) characterized by increased specific power with respect to the displacement, increasingly higher turbochargers, very high energy efficiency for lower fuel consumption, lower tolerances on moving parts, reduced driving lights passage, and new aluminium alloys (with tin, silicon, zinc, manganese, copper and / or nickel) to withstand the higher boost pressures and temperatures. The low viscosity SAE offers excellent fuel-economy results to meet the increasingly stringent fuel consumption requirements, but the calibrated and innovative additives based on Molybdenum technology offers adequate anti-wear protection. The high fluidity and mechanical resistance to shear stresses allow the microfilm of oil to permeate in a short time and remain adhered for a long time in all those critical and difficult to reach interstices (ex.: bushings), facilitating the hydrodynamic lubrication regime and reducing friction.

CONFORMITY:

INTERNATIONAL SPECIFICATIONS	
ACEA	C5
API	SN/CF
ILSAC	GF-5

CONFORMS TO THE FOLLOWING PERFORMANCE REQUIREMENTS	
FORD	WSS-M2C948 A & B
JLR	STJLR.03.5004

SPECIFICATIONS:

TYPICAL FEATURES			
Features	Method	Typical values	Unit of measure
Density at 20°C	ASTM-D4052	0,850	g/cm ³
Viscosity at 40°C	ASTM-D7279	45,0	cSt
Viscosity at 100°C	ASTM-D7279	8,4	cSt
Viscosity at -35°C	ASTM-D5293	4000	cP
Viscosity index	ASTM-D2270	160	-
Flash point	ASTM-D92	220	°C
Sliding point	ASTM-D5950	-24	°C

NOTES:

The above data are not a specification and are subject to standard production tolerance values. Considering the multiple possible applications and the possible interference by elements in no way related to us, we cannot be held in any way liable for results and experimental tests carried out at the sole risk of the user.