



TECHNICAL DATA SHEET

STRATA 20W-50

A high-performance multi-grade passenger car engine oil made from high-quality mineral and synthetic base stocks combined with state-of-the-art additive technology. It is suitable for fuel-injected petrol engines fitted with 'blow-by' recirculation and catalytic converters. Also suitable for turbocharged and intercooled direct injection diesel engines fitted with blow-by recirculation.

STRATA 20W-50 engine oil is not recommended for vehicles fitted with a DPF (Diesel Particulate Filter) or GPF (Gasoline Particulate Filter).

FEATURES

- Twice as effective at removing sludge from dirty engines than a normal mineral oil
- Specially selected synthetic base oils help reduce oil volatility and, therefore oil consumption
- Recommended for use in naturally aspirated and turbo-charged petrol and diesel engines
- Significant performance 'reserve' over quoted specifications to effectively combat extreme operating conditions

PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS:

API	SL
ACEA	A3/B3
MB	229.1

TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
SAE Viscosity	J300	-	20W-50
Density @ 15°C	ASTM D4052	g/cm ³	0.8729
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	191.0
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	21.7
Viscosity Index	ASTM D2270	-	136
CCS Viscosity (@-15°C)	ASTM D5293	mPa.s	7200
HT/HS Viscosity @ 150°C	ASTM D5481	mPa.s	5.5
Total Base Number (TBN)	ASTM D2896	mgKOH/g	8.3
Flash Point (COC)	ASTM D92	°C	296
Pour Point	ASTM D97	°C	-42°C
NOACK Volatility @ 250°C	ASTM D5800B	% mass	5.8
KO Shear Stability (30 cycles):			
After Shear Viscosity @100°C	ASTM D6278	mm ² /s	19.9
Shear Stability Index (SSI)	ASTM D6278	%	8.2
Foaming Tendency:			
Seq. I/II/III (24°C/93.5°C/24°C)	ASTM D892	mL	0-0/0-0/0-0

Details continue on next page.



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Sulphated Ash	ASTM D874	% mass	1.1
Phosphorus Content	ASTM D6443	% mass	0.11
Sulphur Content	ASTM D6443	% mass	0.29
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	01020

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email technical@rockoil.co.uk or telephone +44 (0) 1925 636191 if you require any further information.