



TECHNICAL DATA SHEET

STRATA 10W-40

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 turbo -charged and inter-cooled direct injection diesel engines fitted with blow-by recirculation.

STRATA 10W-40 engine oil is not recommended for use in 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	SN
ACEA	A3/B4
MB	229.1

TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
SAE Viscosity	J300	-	10W-40
Density @ 15°C	ASTM D4052	g/cm ³	0.8684
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	97.60
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.80
Viscosity Index	ASTM D2270	-	159
CCS Viscosity (@ 25°C)	ASTM D5293	mPa.s	6400
HT/HS Viscosity @ 150°C	ASTM D5481	mPa.s	4.2
Total Base Number (TBN)	ASTM D2896	mgKOH/g	10.5
Flash Point (COC)	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-36°C
NOACK Volatility @ 250°C	ASTM D5800B	% mass	11.0
KO Shear Stability (30 cycles):			
After Shear Viscosity @100°C	ASTM D6278	mm ² /s	13.10
Shear Stability Index (SSI)	ASTM D6278	%	11.5
Foaming Tendency:			

Details continue on next page.



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Seq. I/II/III (24°C/93.5°C/24°C)	ASTM D892	mL	0-0/0-0/0-0
Sulphated Ash	ASTM D874	% mass	1.3
Phosphorus Content	ASTM D6443	% mass	0.11
Sulphur Content	ASTM D6443	% mass	0.39
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	03113

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.