



TECHNICAL DATA SHEET

CLASSIC 50

The Rock Oil Classic Range of monograde engine oils has been formulated especially for classic and vintage motor vehicles.

Over the years, many additives have been developed to keep engine internals clean and hold contaminating particles in suspension. The problem posed by historic motor vehicles is that detergents used in current multi-grade oils are not suitable because they are too severe and scavenge sealant and gasket compounds, causing oil weeps even when components have been assembled with great care. Therefore, Rock Oil has developed special additives to hold contaminants in suspension and keep internals clean whilst having a substantially reduced effect on sealant materials.

FEATURES

- Available as SAE 30, 40 & 50 monograde engine oils capable of performing under the most severe high-temperature conditions whilst maintaining easy cold start characteristics and a high standard of internal component cleanliness whilst protecting against wear and seizure.
- Large molecular base mineral oil structure provides the exceptional anti-wear properties that classic and vintage motor vehicles were designed to run on.
- The extra advantage of modern technology ensures that rare and prized engine internals are given maximum protection under all conditions.
- Suitable for use as engine, transmission and axle oils in applications where the viscosity grade/type is recommended

TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
SAE Viscosity	J300	-	50
Density @ 15°C	ASTM D4052	g/cm ³	0.8940
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	201.7
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	18.4
Viscosity Index	ASTM D2270	-	100
HT/HS Viscosity @ 150°C	ASTM D5481	mPa.s	5.5
Total Base Number (TBN)	ASTM D2896	mgKOH/g	3.3
Flash Point (COC)	ASTM D92	°C	288
Pour Point	ASTM D97	°C	-30°C
NOACK Volatility @ 250°C	ASTM D5800B	% mass	2.0
Foaming Tendency:			
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	0.4
Phosphorus Content	ASTM D6443	% mass	0.05
Sulphur Content	ASTM D6443	% mass	0.22
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	02071

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.