



# TECHNICAL DATA SHEET

## GROUNDSMAN SAE 30

A high performance engine oil formulated from a carefully balanced mixture of mineral base stocks fortified with the latest additive technology.

Groundsman SAE 30 is suitable for all makes of four stroke petrol and naturally aspirated diesel stationary engines found on horticultural machines where a mono-grade lubricant is recommended.

### FEATURES

- Produced specifically for horticultural engines
- Excellent thermal stability for peak engine performance under all conditions
- Low carbon build-up
- Highly sophisticated anti wear package to prolong engine life

### PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

API SJ, SH, SG, SF, SE, SD, SC, CF-4, CF, CE, CD, CC

### TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
SAE Viscosity	J300	-	30
Density @ 15°C	ASTM D4052	g/cm <sup>3</sup>	0.8711
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	88.00
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	11.40
Viscosity Index	ASTM D2270	-	119
HT/HS Viscosity @ 150°C	ASTM D5481	mPa.s	3.5
Total Base Number (TBN)	ASTM D2896	mgKOH/g	6.5
Flash Point (COC)	ASTM D92	°C	232
Pour Point	ASTM D97	°C	-39
NOACK Volatility @ 250°C	ASTM D5800B	% mass	5.0
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	0.9
Phosphorus Content	ASTM D6443	% mass	0.09
Sulphur Content	ASTM D6443	% mass	0.24
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	02190

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](mailto:technical@rockoil.co.uk) or telephone +44 (0) 1925 636191 if you require any further information.