

## Single Grades Motor 50W

**Bardahl Single Grade Motor 50W** are low-quality high-quality solvent refined engine oils without the viscosity index improvers used in multigrade oils. Additives have been added to these oils that prevent oxidation, wear and corrosion.

### Application

**Bardahl Single Grade Motor 50W** are mainly used where this type of oil is prescribed, such as with classic cars and trucks. It is also used for agricultural and industrial appliances and small industrial machines such as generators, generators, compressors and cleaning machines. This oil is also suitable for bearings in pumping stations and for lightly loaded gearboxes and circulation lubrication systems.

### Specifications

API - CF-4/SG | MIL - L-2104 E | MIL - L-46152 E | MB - 227.0

### Analysis of data

Test			Results
SAE - Class	Method	Unit	Single Grade 50W
Viscosity; mm <sup>2</sup> at 100°C	ASTM D445	mm <sup>2</sup> /s	20.0
Viscosity; mm <sup>2</sup> at 40°C	ASTM D445	mm <sup>2</sup> /s	235
Viscosity Index	ASTM D2270		100
Viscosity; mpa/s at 10°C		mpa/s	
Straight Ash; wt.%		wt.%	0.70
Sulfated Ash; wt.%	ASTM D874	wt.%	0.80
TAN	ASTM D664	mg KOH/g	2.1
tbn	ASTM D2896	mg KOH/g	
pourpoint	ASTM D6892	°C	-15
Color	ASTM D1500		3.0
Specific Gravity at 15/15°C		g/ml	0.900
Flashpoint; COC		°C	248
Firepoint; COC		°C	288
Conradson Carbon Residue		wt.%	0.50

Test			Results			
SAE - Class	Method	Unit	Single Grade 20W	Single Grade 30W	Single Grade 40W	Single Grade 50W
Viscosity; mm <sup>2</sup> at 100°C	ASTM D445	mm <sup>2</sup> /s	8.5	11.5	15.0	<b>20.0</b>
Viscosity; mm <sup>2</sup> at 40°C	ASTM D445	mm <sup>2</sup> /s	60	100	152	<b>235</b>
Viscosity Index	ASTM D2270		112	105	100	<b>100</b>
Viscosity; mpa/s at 10°C		mpa/s	1900	3600		
Straight Ash; wt.%		wt.%	0.70	0.70	0.70	<b>0.70</b>
Sulfated Ash; wt.%	ASTM D874	wt.%	0.80	0.80	0.80	<b>0.80</b>
TAN	ASTM D664	mg KOH/g	2.1	2.1	2.1	<b>2.1</b>
tbn	ASTM D2896	mg KOH/g	11	11		
pourpoint	ASTM D6892	°C	-33	-27	-21	<b>-15</b>
Color	ASTM D1500		2.0	2.5	2.5	<b>3.0</b>
Specific Gravity at 15/15°C		g/ml	0.885	0.890	0.895	<b>0.900</b>
Flashpoint; COC		°C	216	232	238	<b>248</b>
Firepoint; COC		°C	236	262	278	<b>288</b>
Conradson Carbon Residue		wt.%	0.30	0.40	0.45	<b>0.50</b>



**Single Grade HD 50**

**Article number** 50755 - 50

**Contents** 5 litres

**Article number** 50782 – 50

**Contents** 25 litres

**Article number** 50786 - 50

**Contents** 60 litres