

Running In Oil Engine HD20

Bardahl Running In Grade Motor Oils are low-quality high-quality solvent refined engine oils without the viscosity index improvers used in multigrade oils. This walk-in engine oil is designed for remanufactured engines and contains additives that prevent oxidation, wear and corrosion. The oil is composed in such a way that the piston rings and cylinders wear out quickly and effectively.

Application

Bardahl Running In Grade Motor Oils are mainly used where this type of oil is prescribed, such as during a revision or periodic maintenance. Suitable for petrol and diesel engines with and without turbo. Duration of use depends on the application and is between 100 and 200 hours.

Specifications Bardahl Running In HD20

ACEA - E2/E1 | API - CF-4/SG | CATERPILLAR - TO-2 | MAN - 270 | MIL - L-2104 E | MIL - L-46152 E | MB - 227.0 | MB - 228.0 | ZF - TE-ML 03A | ZF - TE-ML 06A | ZF - TE-ML 07D

Analysis of data

SAE - Class	Test		Results
	Method	Unit	Running In Oil Engine HD20
Viscosity; mm ² at 100°C	ASTM D445	mm ² /s	8.5
Viscosity; mm ² at 40°C	ASTM D445	mm ² /s	60
Viscosity Index	ASTM D2270		112
Viscosity; mpa/s at -10°C		mpa/s	1900
Straight Ash;		wt.%	0.70
Sulfated Ash;	ASTM D874	wt.%	0.80
TAN	ASTM D664	mg KOH/g	2.1
tbn	ASTM D2896	mg KOH/g	11
pourpoint	ASTM D6892	°C	-33
Color	ASTM D1500		2.0
Specific Gravity at 15/15°C		g/ml	0.885
Flashpoint; COC		°C	216
Firepoint; COC		°C	236
Conradson Carbon Residue		wt.%	0.30

Test			Results	
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Viscosity; mm ² at 100°C	ASTM D445	mm ² /s	8.5	11.5
Viscosity; mm ² at 40°C	ASTM D445	mm ² /s	60	100
Viscosity Index	ASTM D2270		112	105
Viscosity; mpa/s at -10°C		mpa/s	1900	3600
Straight Ash;		wt.%	0.70	0.70
Sulfated Ash;	ASTM D874	wt.%	0.80	0.80
TAN	ASTM D664	mg KOH/g	2.1	2.1
tbn	ASTM D2896	mg KOH/g	11	11
pourpoint	ASTM D6892	°C	-33	-27
Color	ASTM D1500		2.0	2.5
Specific Gravity at 15/15°C		g/ml	0.885	0.890
Flashpoint; COC		°C	216	232
Firepoint; COC		°C	236	262
Conradson Carbon Residue		wt.%	0.30	0.40

Running In Oil 20

Article number 50655
Capacity 5 litres

Article number 50682
Capacity 25 litres

Article number 50686
Capacity 60 litres