

DESCRIPTION



Garant HD-C SAE-Reihe

Turbo Unigrade Engine oil

1. APPLICATION

The oils in the Garant HD-C series are mineral HD Monograde engine oils for petrol and diesel engines in passenger cars and commercial vehicles with/without turbocharging. They are characterized by good cold start properties and by minimizing friction and wear. The SAE 60 oil also has excellent high-temperature properties due to its high viscosity. The oils SAE 10W and 20W20 are also used in hydraulic systems because of their excellent detergent and dispersant properties. The operating instructions of the vehicle and engine manufacturers must be observed.

2. YOUR BENEFIT

- Very good shear stability.
- High oxidation stability.
- Minimization of friction and wear.
- Excellent detergent and dispersant properties.
- High lubricating performance at low and high temperatures (depending on viscosity).

3. TECHNICAL SPEZIFICATION

Can be used with:

- ACEA B4, E2;
- API CF-4, API SG;
- MAN 270; Mercedes Benz 228.0;
- MIL-L-2104 D/46152 B; Volvo VDS;
- Allison C-4; Caterpillar TO-2;
- Deutz DQC I-02; MTU DDC Typ 1;



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4. TECHNICAL CHARACTERISTICS

		SAE 10W	20W20	SAE 30	SAE 40	SAE 50	
Properties	Units	Data	Data	Data	Data	Data	Test
Density at 15°C	g/cm ³	0,876	0,865	0,868	0,890	0,900	DIN EN ISO 12185
Viscosity at 40°C	mm ² /s	45,7	103	76	123	238	DIN 51562-1
Viscosity at 100°C	mm ² /s	7,2	14,5	11,6	13,6	20,6	DIN 51562-1
Viscosity Index		112	105	119	105	100	DIN ISO 2909
Flashpoint COC	°C	>234	>220	230	>220	>235	DIN ISO 2592
Pourpoint	°C	-36	-33	-33	-27	-24	DIN ISO 3016

5. PACKAGING

CONTENTS

Tankware
205 Liter
60 Liter

CONTENTS

20 Liter
4 x 5 Liter

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