



Havoline® Multigrade

Efficient performance multigrade gasoline engine oil

Product Data Sheet

Product description

Havoline Multigrade 15W-40, 20W-40 and 20W-50 are efficient performance multigrade engine oils designed for use in passenger car and light truck gasoline engines where API SF performance is required.

Customer benefits

- Metallo-organic anti-wear additives provide reliable engine protection
- Protects against rust and corrosion and improves reliability
- Detergency and dispersancy additives prevent harmful deposit formation
- Thermal stability and oxidation resistance avoids in-service oil degradation, sludge formation and filter blocking

Applications

- Gasoline engines (four-stroke)
- Gasoline engines fitted with emissions control equipment
- Industrial and marine applications of passenger car type gasoline engines

Approvals and performance specifications

Performance specifications

- API SF

Product highlights:

- Reliable engine protection
- Resists rust and corrosion
- Prevents sludge and filter blocking
- Selected specification standards include:
 - API

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Global Lubricants



Typical test data

HAVOLINE MULTIGRADE				
TEST	TEST METHODS	RESULTS		
Viscosity Grade		15W-40	20W-40	20W-50
Product Code		500146	500147	500148
Density, 15 °C, kg/l	ASTM D4052	0.88	0.89	0.88
Kinematic viscosity, 100 °C, mm ² /s	ASTM D445	14.5	14.5	19.0
Total Base Number, mg KOH/g	ASTM 2896	4.9	4.9	4.9
Elemental Analysis				
- Calcium, %wt	X-Ray/ICP	0.16	0.16	0.16
- Zinc, %wt	X-Ray/ICP	0.06	0.06	0.06

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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