

PRODUCT INFORMATION



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 105/08c

All-Fleet™ Engine Oil SAE 20W-50

Valvoline All-Fleet engine oil is a high performance universal mixed fleet oil, recommended for diesel engines. This oil is specially engineered to provide extra protection to those vehicles operating under the severe service demands of mixed fleets. Selected additives help minimize sludge formation caused by frequent stop-and-go driving conditions, thereby helping to reduce engine wear. Additional benefits include soot dispersancy and piston deposit control which helps keep engines cleaner.

Performance levels

API: CG-4

MAN M 271

MB-228.1

Applications

Suitable for mixed fleets of trucks, buses, light trucks.

Recommended for diesel engines.

For severe service demands.

Features & Benefits

Wear protection

Strong oil film protects the engine against wear and corrosion.

Engine cleanliness

Superior soot control and corrosion protection minimizes sludge and piston deposits.

Break down resistance

Thermal and Oxidation stable oil film.

Multi Purpose

Suitable for mixed fleet operation.

Also suitable for older engines.

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

All-Fleet Engine Oil	
SAE Viscosity Grade	20W-50
Viscosity, mm²/s @ 100 °C. ASTM D-445	18,1
Viscosity, mm²/s @ 40 °C. ASTM D-445	156
Viscosity Index ASTM D-2270	129
Viscosity, mPa.s -15°C. ASTM D-5293	<9000
TBN, mg KOH/g ASTM D-2896	7,5
Pour Point, °C ASTM D-5949	-33
Specific Gravity @ 15.6°C. ASTM D-4052	0,876
Flash Point, COC, °C. ASTM D-92	244

This information only applies to products manufactured in the following location(s): Europe

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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 105/08b