



AVENO HD MINERAL

PRODUCT DESCRIPTION:

Aveno HD is a premium quality heavy-duty engine oil designed specifically for spark-ignited CNG and LNG-fueled trucks, bus engines, and small to medium size CNG generators. It provides excellent performance in the challenging operating environment presented by CNG (Compressed Natural Gas) and LNG (Liquefied Natural Gas) and offers extended drain interval capability.

APPLICATION:

- LNG/CNG Linehaul truck service
- LNG/CNG Delivery truck service
- LNG/CNG Waste truck service
- LNG/CNG Cement truck service
- LNG/CNG Oil Field truck service
- CNG Municipal Bus Service
- Small to Medium Size CNG Generators
- Off Road Equipment

FEATURES & BENEFITS:

- Good piston and engine cleanliness
- Reduced levels of "ash" containing additives to control deposit formation
- Excellent tappet and liner wear performance in alternative fuel engines
- Delivers long drain protection despite Higher stress of CNG combustion
 - Detroit Diesel: DDC 93K216

PERFORMANCE LEVELS: Meets and Exceeds:

- API CF
- Cummins: CES 20074

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	AVENO HD	
			15W40	20W50
Grade			15W40	20W50
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	14.8	19.5
Viscosity Index	ASTM D-2270	-	142	131
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR
Flash Point (min)	ASTM D-92	°C	238	242
Pour Point (max)	ASTM D-97	°C	-30	-24
TBN	ASTM D-2896	Mg KOH/g	6.4	6.4
CCS, (°C)	ASTM D-5293	m.Pa.S	6500 (-20)	9000 (-15)

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.