MONZA

PRODUCT DATA SHEET
REV. 1 · 2026-11-14

Prima CH-4 SAE 20W-50

HEAVY DUTY DIESEL ENGINE OIL

DESCRIPTION

MONZA Prima CH-4 SAE 20W-50 is a multigrade heavy-duty diesel engine oil for high-speed four-stroke engines. The 20W-50 grade flows at start-up and keeps its viscosity at full operating temperature, and its additive system controls soot, sludge and piston deposits while protecting against wear in engines that work long hours under load.



5 L 20 L

API SERVICE	SAE GRADE
CH-4	20W-50

PACK SIZES
5 L · 20 L

APPLICATIONS

- High-speed four-stroke diesel engines where API CH-4 is recommended, including those designed for 1998 emission standards
- Engines where earlier categories such as API CG-4, CF-4 or CF are recommended
- On-highway trucks and buses, and off-highway construction and agricultural equipment
- Mixed fleets that want one grade across older and newer diesel engines

FEATURES & BENEFITS

- Soot dispersancy that keeps oil thickening and abrasive wear in check
- Strong film at high temperature with good flow at start-up
- Alkaline reserve (TBN 11) for fuels with higher sulphur content
- Excellent foam control in all three test sequences

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL
SAE viscosity grade	**SAE J300**	**—**	**20W-50**
Kinematic viscosity at 40 °C	ASTM D445	mm²/s	**179.3**
Kinematic viscosity at 100 °C	ASTM D445	mm²/s	**19.79**
Viscosity index	ASTM D2270	—	**127**
Flash point (COC)	ASTM D92	°C	**240**
Pour point	ASTM D97	°C	**–21**
Total base number (TBN)	ASTM D2896	mg KOH/g	**11**
Foam tendency / stability, sequences I · II · III	ASTM D892	ml	**0/0 · 0/0 · 0/0**

Typical values are from production testing (2026-10-25) and represent current production. They are not a specification; normal manufacturing variation applies.

STORAGE & HANDLING

Store packs under cover, away from direct sunlight and sources of heat, between 0 °C and 50 °C. Keep containers closed when not in use to prevent contamination by water and dust. Do not mix with other oils.

HEALTH, SAFETY & ENVIRONMENT

Unlikely to present a significant hazard when used as recommended. Avoid prolonged skin contact and wash with soap and water. Take used oil to an authorised collection point; do not discharge into drains, soil or water. Safety data sheet available on request.

MONZA

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Always follow the vehicle or equipment manufacturer's recommendations for oil grade, specification and drain interval. The information in this data sheet is given in good faith and is accurate to the best of our knowledge at the date of issue; it may change without notice as products are developed. Check energz.net/monza for the current version.