



Product Data Sheet

Kerosene 1-K Low Sulphur

Description

Nemco Kerosene is a low odour, low sulphur fuel for use as a heating fuel or for illumination. Ensure adequate and appropriate ventilation and exhaust systems are in place when using this product, and ensure emissions comply with local environmental protection legislation. Always follow the equipment manufacturers' fuel type/requirements and safety instructions. Nemco Kerosene is a 1-K specification meeting CAN/CGSB-3.2 requirements for Heating Oil Fuel types 0, 1, and 2.

Application

- Domestic oil burning appliances with outside storage
- Sleeve-type and wick-fed burners and illuminating lamps
- Most atomizing-type burner applications; domestic and some medium capacity commercial and industrial burners

Typical Characteristics – Nemco Kerosene

Properties	ASTM Method	CAN/CGSB-3.2-2017**	Performance	Pack Size	Product Code
Colour	Colourless to straw yellow		Clear & Bright	4x4L Case	CHCPZ0025
Flash pt., TAG, °C	D56/3828	Min. 40.0	43.0	2x10 Case	CHCPZ0036*
Freeze pt., °C	D2386/5972	Min. -48	-47	20L TH Jug	CHCPZ0044
Kinematic Viscosity @40°C mm ² /s	D445	1.20 to 3.60	1.2 to 3.60	205L Drum	CHCPZ0060
Sulfur, total, % by mass (max)	D2622	0.30	<0.30	TDG Information UN 1223, Kerosene, Class 3, PG III TDG Part 1, 1.33 Flammable Liquid exemption applied to 4L to 205L	
Copper Corrosion, 3hr@50°C	D130	1	1		
Copper Corrosion, 2hr@100°C	D130	n/a	1		
Density, @15°C, kg/L	D1298/4052	Max. 0.840	0.823		
Conductivity pS/m	D2624	Min. 25	221		

These characteristics are typical of production, variations may occur. Availability: Year round / *Contact your Technical Sales Representative. **Meets CAN/CGSB-3.2-2017 specifications for Heating fuel oil type 0, 1, and 2; not suitable for types 4, 5, or 6.

Use and Storage

Ideal storage conditions are cool, dry locations away from direct sunlight and sparking tools or equipment. Keep packages closed while not in use. Avoid storage with severe temperature fluctuations to prevent condensation.

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under the Safety Data Sheets. For SDS in French, please contact info@nemco.ca. This material is classified under WHMIS 2015. The SDS contains valuable information critical to the safe handling and proper use of the product. Avoid discharge into drains, soil, or water. As with any chemical, keep out of reach of children and animals.

Quality

Nemco Resources Limited packaging facility in Winnipeg, Manitoba is proud to be certified to ISO 9001. For questions regarding quality, please contact your local Technical Sales Representative.