

Winter maintenance salt treatment suggestions

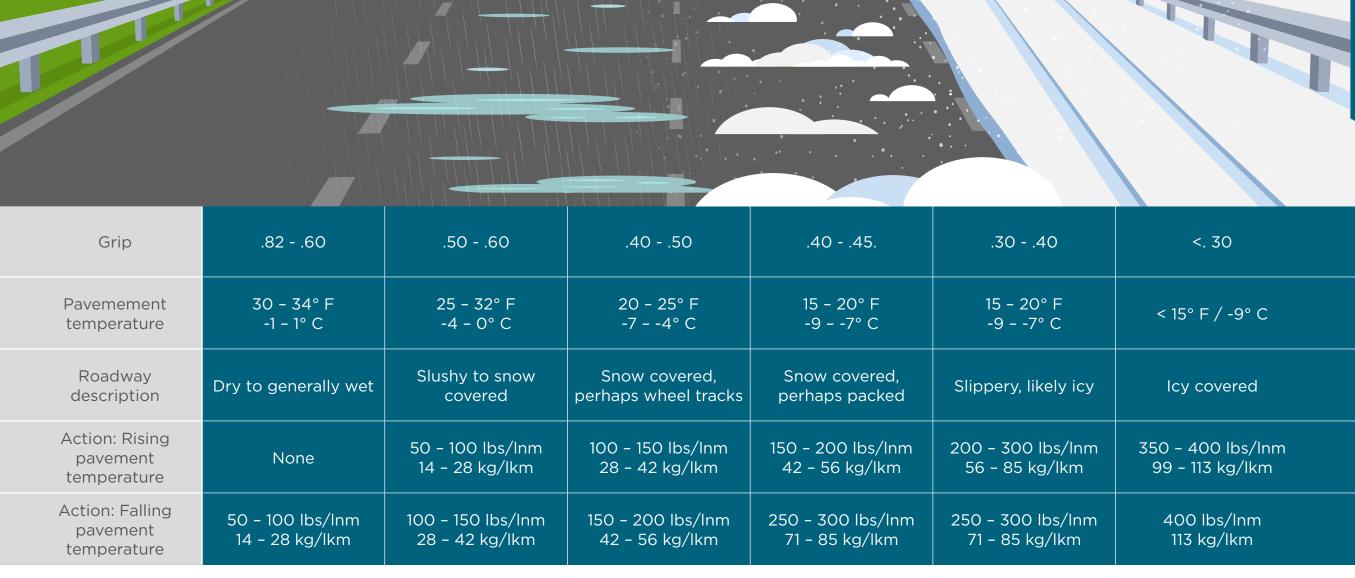
Grip and pavement temperature



Pavement temperatures hovering near the freezing point and other factors combine to inform winter road maintenance organizations and road authorities of how much material to spread in different areas.

Created by Mark DeVries, Business Application Manager at Vaisala and other road maintenance industry professionals, this winter road treatment matrix incorporates friction with other factors to provide material and amount guidance. It is intended as a starting point to use according to your organization's needs and Levels of Service.

When pavement temperatures drop to 15° F (-9° C) or below, many winter road maintenance organizations use alternative chemicals: Follow manufacturer's recommendations and your own policies. Treatment rates are suggestions based on twohour cycle times while plowing and using pre-wetted salt. Using high volumes of liquids would reduce these rates. Vaisala accepts no responsibility or liability with respect to these suggestions, and winter road maintenance organizations should follow internal policies and Levels of Service.



Why Vaisala for road weather?

Vaisala road weather technology solutions lead the industry thanks to superior data qualities and a continuing commitment to innovation and R&D. They are built on 85 years of weather measurement experience and solutions, and trusted in over 170 countries from the north pole to the south pole and even on Mars.

Learn more about how to drive improvement in your winter road maintenance strategy.

Vaisala is here to help

From sensors to systems and digital services, Vaisala gives road stakeholders unrivaled road network visibility and decision support — so everyone can keep moving toward better, more insightful ways of operating. We are recognized experts in transportation, and we continue to channel our curiosity into new ways of making roadways safer and more efficient than ever — as reflected in our guiding principles:





Mobility and beyond



The innovators



See, understand, decide