



**NORTH METAL & CHEMICAL COMPANY**  
*World Class Molybdenum & Tungsten Compounds*  
 Since 1921

NQ5798 093015

Polymer

# Technical Bulletin

## NORTHQUEST 5798

NORTHQUEST 5798 – Technical Data Sheet

**About us.....**

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of *World Class Molybdenum & Tungsten compounds* serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



**Description: AA/AMPS/SS Terpolymer**

A low molecular weight, organic terpolymer consisting of carboxylic, sulfonic, and sulfonated styrene groups. These groups synergize to produce superior scale inhibition and dispersancy. Inhibits scale resulting from calcium/magnesium carbonate, calcium phosphate, iron oxide and barium sulfate.

- Zero phosphorus content.
- Stable in the presence of halogen compound.
- Excellent Calcium Carbonate (Ca<sup>2+</sup>) and Calcium Phosphate inhibition resulting from high Ca<sup>2+</sup> sequestration value.
- Will not contribute to additional phosphorous content in system.
- High compatibility with other water treatment ingredients used in boiler and cooling tower.
- Superior dispersing properties towards silt, clay, silica and metal oxides.
- Holds high levels of ortho-phosphates in solution, even at a pH level at 9.0.

**Technical Specifications:**

Appearance	Clear, Colorless to Amber Liquid
pH (neat)	2.50 - 3.50
Specific Gravity @ 25 ° C	1.15 - 1.25
Viscosity @ 25 ° C (Cps)	450 - 750
Solid Content %	47 - 50

**Packaging:** Available in 551.16 lb. (250 kg) drums and 2,755.75 lb. (1250 kg) totes.

**Shelf Life:** At least three years if properly stored in unopened container.

**Safety:** Refer to MSDS for specific information.



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