

CERTIFICATE OF ANALYSIS

To:

VGP Holdings LLC

Address:

3901 River Road

Cincinnati, OH 45204

US

Plant:

SAGT

Fax To:

Product: PO #: HiTEC ® 11192 Bulk

4522592558

:Order #:

0001409912

Expires:

July 1, 2026

Material Number:

031546

Lot #:

Scheduled Ship Date:

0125SA001A

February 10, 2025

Shipped Via:

Shipped From:

RETL

Container Number

20157

:Manufacturing Date:

JANUARY, 2025

HiTEC ® 11192 Bulk

Sales Specification Characteristics

Inspection	Note	Units	Methods	Min	<i>Limits</i> Target	Max	Actual
Calcium Molybdenum Nitrogen Phosphorus Zinc Flash Point, PMCC Specific Gravity @ 15.6°C Kinematic Viscosity @ 100°C		%M %M %M %M %M °C - cSt	D4951 D4951 D5291 Mod D4951 D4951 D93 D4052 D445	0.59 0.96 0.32 0.36 135 0.932	0.68 1.10 0.38 0.42 - 0.947	0.76 1.24 0.44 0.48	0.72 0.64 1.08 0.39 0.41 155 0.948 54

Sales Notes

Additional Product Information

Handling Temperature:

Recommended storage and handling temperature: 40-50°C Maximum storage temperature: 50°C Maximum handling temperature (< 5 days): 70°C Maximum skin temperature (agitated): 121°C Shelf life @ 10-40°C: 18 months Shelf life @ 45-50°C: 3 months
Typical Viscosity @ 40°C: 825 cSt

Typical Viscosity @ 40°C: 825 cSt Typical TBN: 35 mg KOH/gr Delta Gravity = 0.00064/°C

The product is prone to crystallization after remaining stationary for extended periods at ambient (~21 C) or lower temperatures. Warming to 40-50 °C will dissolve the crystallization without adversely affecting product quality. Agitation while warming will expedite dissolution.

Comments:

Certification Date: 01/20/2025 Certified by: Melissa Williams

Questions about this shipment should be directed to Afton Chemical Corporation- Quality Control Lab:1-800-224-3724

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