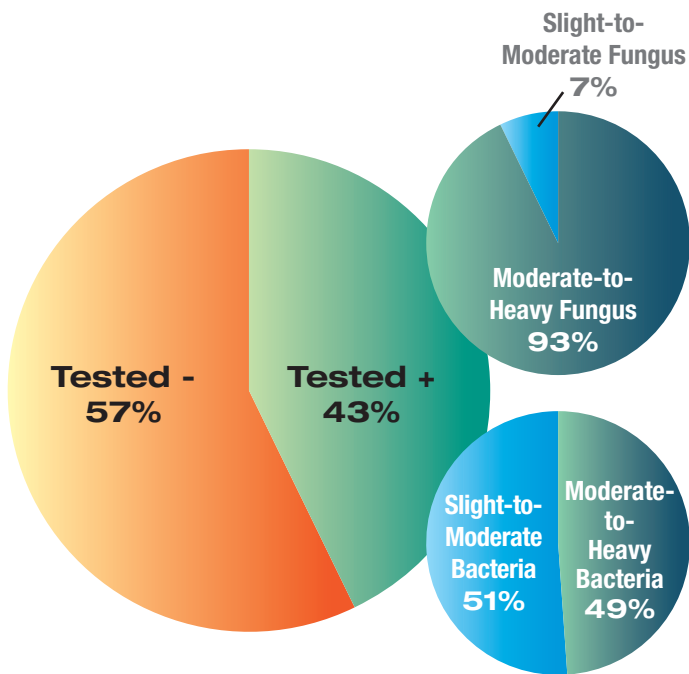


CONTAMINATION & CORROSION PREVALENT IN ULSHO STORAGE TANKS

A NORA-funded study of 150 fuel samples pulled from storage tanks containing ultra-low-sulfur heating oil (ULSHO) found that moisture and microbial contamination, the primary sources of corrosion and fouling, should be a foremost concern for heating oil dealers and their customers (see below).

These fuel quality problems have been occurring more frequently with the emergence of ULSD, which has a greater affinity for moisture, and at AFS, we see them at every level of the supply chain, every day. We identify them, eliminate them, and through the application of advanced chemical technology and comprehensive preventative maintenance strategies, we keep them from occurring again. We've been doing this successfully now for 20 years. If you would like help assessing or improving the state of your fuel or storage, please don't hesitate to contact us. **Our business depends on our ability to improve yours.** We would welcome that opportunity.



1st Batch - 114 Samples

49 of 114 samples tested positive for bacteria or fungus = 43%
65 of 114 samples tested negative for bacteria or fungus = 57%

Of the 43% to test positive -
93% showed moderate-to-heavy fungus
7% showed slight-to-moderate fungus

49% showed moderate-to-heavy bacteria
51% showed slight-to-moderate bacteria

*Source: New York State Energy Coalition

2nd Batch - 36 Samples

31 of 36 tested positive for bacteria or fungus = 86%
5 of 36 tested negative for bacteria or fungus = 14%

Of the 86% to test positive -
100% showed very slight bacteria
32% showed heavy fungus

