Product Evaluation

RE: Review of MORLIFE 5000 Antistripping Additive

PRODUCT
The MORLIFE 5000 Antistripping Additive is produced by MeadWestvaco Corporation located in N. Charleston, South Carolina and distributed by Husky Energy located in Calgary, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS
MORLIFE 5000 Antistripping Additive is a premium high performance product based on a new innovative chemical alternative to traditional antistripping technologies. MORLIFE 5000 Antistripping Additive is used to improve the bond between asphalt cements and the aggregates they are mixed with for road paving applications. Product Web Link: http://mwv.com/en-us/asphalt-innovations/products/asset_upload_file76_8964.pdf

DESCRIPTION
MORLIFE 5000 Antistripping Additive will provide significant improvements in tensile strength ratio results in AASHTO T-283 test procedure; the elimination of traditional polyamine chemistry results in low odor; does not increase dust content and lower the voids in the mineral aggregate; and meets or exceeds the amine value requirements for CalTrans anti-strip specifications.

POTENTIAL USAGE
MORLIFE 5000 Antistripping Additive is available in 55 gallon drums, 250 gallon disposable totes or in various bulk quantities. MORLIFE 5000 is typically stored at ambient temperatures of 20-25°C. MORLIFE 5000 should not be stored at temperatures in excess of 75°C for a prolonged period.

STANDARDS
AASHTO T-283 – Standard Method of Test for Resistance of Compacted Asphalt Mixtures to Moisture Induced Damage

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE
Alberta Transportation has no experience with this product.

APPLICABLE STANDARDS
The Alberta Transportation Specifications: 3.10, Asphalt Surface Treatment: 3.50, Asphalt Concrete Pavement.

RECOMMENDATIONS:
MORLIFE 5000 Antistripping Additive product be listed as a Potential Product under Alberta Transportation Products List, Asphalt Materials – Liquid Anti-strip Additives – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS
Joe Filice
cc New Products Evaluation Committee – Roger Skirrow
Jim Gavin