

PTI M-10 PT Coatings TG Web Meeting Meeting Notes

October 4, 2017 from 8:00 a.m. – 9:50 a.m.

TG Members Present:

Shane Taylor (TG Lead), Justin Jewkes, Rattan Khosa, Anoop Kumar, Steve Ross, Michael Williams

Guests Present:

Fabrice Brugere, Bobby Field, Joe Harrison, Thomas Mathews, Joshua Mecom, John Pearson, Jared Rosenquist, Charles Skarbrevik, Chris Tillie, Coy Williams, Miguel Zuniga

Staff Present:

Amy Dowell

Items discussed in this meeting (items highlighted below to be proposed to M-10):

1.1 Drop temperature

1.1.1 Recommended to remove ASTM D556 and replace with ASTM D2265

Result: it is appropriate to use only ASTM D2265

1.1.2 Permit or Substitute: IP 396 - Determination of dropping point of lubricating grease

Result: remove this alternate

1.2 Oil Separation Test

1.2.1 Revise acceptance criteria?

Result: Add penetration test and require NLGI Type 2 grade (265-295)

Result: test every year (oil separation + penetration)

1.2.2 Ways to improve precision

1.2.3 Require once per year

1.2.4 Replace with IP121/DIN 51817: Determination of oil separation from lubricating grease (same test as ASTM D1742)

1.2.5 Supplement or replace with ASTM D 1742 run @ 77 F

1.2.6 Extend test duration to 168 hrs.

1.3 Water Content Test

1.3.1 Replace with Karl Fischer titration (ASTM E203)

Result: test every year

1.4 Flash Point Test

1.4.1 Frequency: once per year or every 5 years?

Result: test every year

1.5 Corrosion Test

1.5.1 Replace with ASTM D 1743? (future work on TG)

1.5.2 Frequency: once per year or every 5 years?

Result: test every year

1.6 Water Soluble Ion Test

1.6.1 Frequency: once per year or every 5 years?

1.6.2 Replace with EPA standard methodology for water analysis (i.e. EPA method 300.1 or ASTM D4327) or ASTM D 1743?

1.6.3 Delete?

Result: test every year

1.7 Soak Test

1.7.1 Replace with ASTM D 1743 or current B 117?

1.7.2 Frequency: once per year or every 5 years?

1.8 Sheathing Compatibility Test

1.8.1 Revise test procedure?

Next meeting – PTI Convention – Minneapolis, MN May 5-9, 2018