

## TEST OBSERVATION OF ZINC FLAKE COATED FASTENRS

Coating Trial Date: Rep.No:  
 Fasteners Coated:- Bolt Date:- 19/03/2021  
 Coating Material:- ECOMET 500 LC ( 2 Coat) + ECOMET TOP CLEAR B (1 Coat)



SrNo.	Test	Requirement	Specified Hrs.	Observation	Before	After	Remark
1	Resistance to Engine Oil	Partially immerse 15W40 OIL AT 90 °C for 72 hrs. no softening/ dulling of coating	72h	No significant softening, blister, spots & other effects on coated parts			OK
2	Resistance to gear Oil	Partially immerse 80W90 Oil at 80°C for 48 hrs. no softening/ dulling of coating	48h	No significant softening, blister, spots & other effects on coated parts			OK
3	Resistance to Brake fluid	Partially immerse in Brake fluid for 24 hrs. no softening/ dulling of coating	24h	No significant softening, blister, spots & other effects on coated parts			OK
4	Resistance to Diesel	Partially immerse in Petrol/Diesel for 24 hrs. no softening/ dulling of coating	24h	No significant softening, blister, spots & other effects on coated parts			OK
5	Resistance to petrol	Partially immerse in Petrol/Diesel for 24 hrs. no softening/ dulling of coating	24h	No significant softening, blister, spots & other effects on coated parts			OK
6	Resistance to Antifreeze	Partially immerse in 50:50 mixture of water and ethylene Glycol for 96 hrs. no softening/ dulling of coating	96h	No significant softening, blister, spots & other effects on coated parts			OK
7	Resistance to DI Water	Partially immerse in DI Water for 240 hrs. no softening/ dulling of coating	240h	No significant softening, blister, spots & other effects on coated parts			OK
8	Resistance to temperature	Fasteners heated to 150 °C for 3 hrs. NO visible changes on coated parts	3h	No visible changes & other effect on coated parts			OK

Remark: Test done on the sample confirm to the requirements as per G 00 1392