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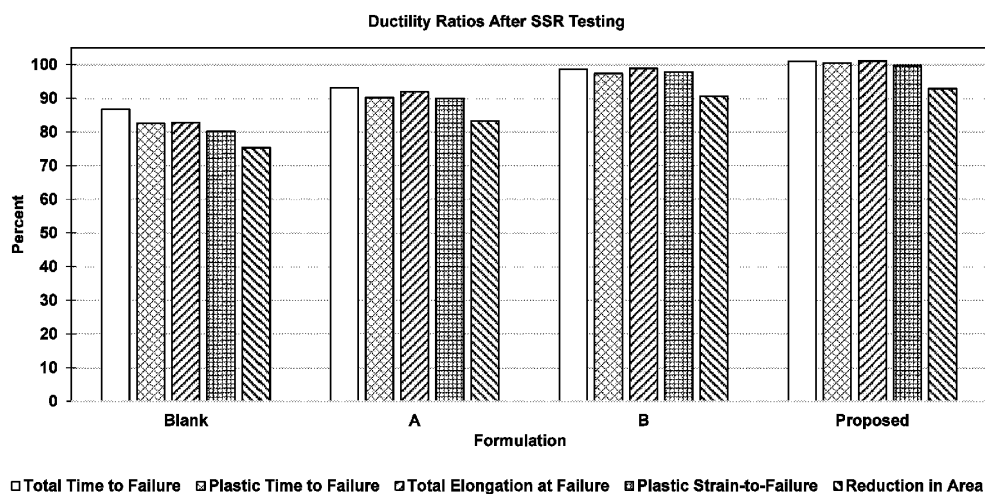
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(54) Title: CORROSION INHIBITOR FOR MITIGATING ALKALINE CARBONATE STRESS CORROSION CRACKING

FIG. 1



(57) Abstract: Compounds, compositions and methods are provided for reducing, inhibiting, or preventing corrosion of a surface, using a corrosion-inhibiting composition comprising a dispersant having the structure of Formula 1 and a corrosion inhibitor having the structure of Formula 2, wherein X_1 is hydroxyl, $-OC(O)R_1$; X_2 is hydroxyl, or $-OC(O)R_2$; X_3 is hydroxyl or $-OC(O)R_3$; R_1 , R_2 , and R_3 are independently C_{10} to C_{30} alkyl or alkenyl; m , n , and o are independently integers from 1 to 10; R_{20} , R_{21} , R_{22} , R_{23} , and R_{24} are independently hydrogen or $-C(O)-R_{31}$; R_{31} is C_{10} to C_{30} alkyl or alkenyl; p is an integer of 0 or 1; q is an integer of 1 to 4; r is an integer of 0 or 1; s is an integer of 0 or 1; t is an integer from 1 to 4; and p_1 , q_1 , r_1 , s_1 , and t_1 are independently integers from 1 to 6; wherein when p , r , and s are 0, $q+t$ is an integer from 4 to 8 and at least one of R_{20} , R_{21} , R_{22} , R_{23} , and R_{24} is $-C(O)-R_{31}$.

[Continued on next page]

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