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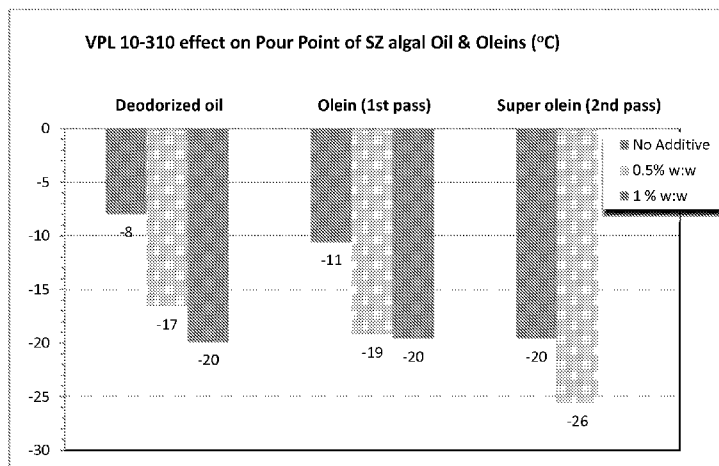
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(54) Title: MICROBIAL OILS WITH LOWERED POUR POINTS, DIELECTRIC FLUIDS PRODUCED THEREFROM, AND RELATED METHODS

**Fig. 3**

(57) Abstract: Methods and compositions for the production of dielectric fluids from lipids produced by microorganisms are provided, including oil-bearing microorganisms and methods of low cost cultivation of such microorganisms. Microalgal cells containing exogenous genes encoding, for example, a sucrose transporter, a sucrose invertase, a fructokinase, a polysaccharide-degrading enzyme, a lipid pathway modification enzyme, a fatty acyl-ACP thioesterase, a desaturase, a fatty acyl-CoA/aldehyde reductase, and/or an acyl carrier protein are useful in manufacturing dielectric fluids.



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