



ESCUELA TÉCNICA  
SUPERIOR DE INGENIERÍA

### MATERIALS 2/2

New developed pure biogenic greases

- Predefined pure biogenic lubricating greases were chosen from the Tribocan research project
- Selection based on promising performances
- Based on vegetable oil and various combinations of biogenic thickeners

Grease	Base Oil	Thickener	Temperature range (°C)	Viscosity @ 40°C (mm²/s)	Viscosity @ 100°C (mm²/s)	Drop point (°C)	Water content (%)
1	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
2	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
3	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
4	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
5	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
6	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
7	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
8	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
9	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1
10	SAE 150	Li-Calcium	-20 to 150	150	100	160	0.1

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