

Gas-to-liquid (GTL)
Fischer-Tropsch
hard wax
produced
in-house



sasol

ASPHALT ADDITIVES

SASOBIT

- ✓ Enables the production of dense, deformation-resistant asphalt
- ✓ Extends the service life
- ✓ Temperature reduction and enhanced workability
- ✓ Improved process reliability
- ✓ Earlier traffic release

SASOBIT LC

- ✓ GTL Fischer-Tropsch hard wax with significant reduction of CO₂ emissions
- ✓ Benefits for Environmental Product Declaration (EPD)
- ✓ Same performance as **SASOBIT**

Use of
SASOBIT LC
for increased
sustainability

SASOBIT REDUX

- ✓ Additive for reducing asphalt temperature according to BASt TA pilot product list
- ✓ Temperature reduction and enhanced workability
- ✓ Improved process reliability
- ✓ Negligible impact on the stiffness of the binder at service temperatures

NEW
Also available as
a hot liquid – for
even more flexible
applications

Product comparison

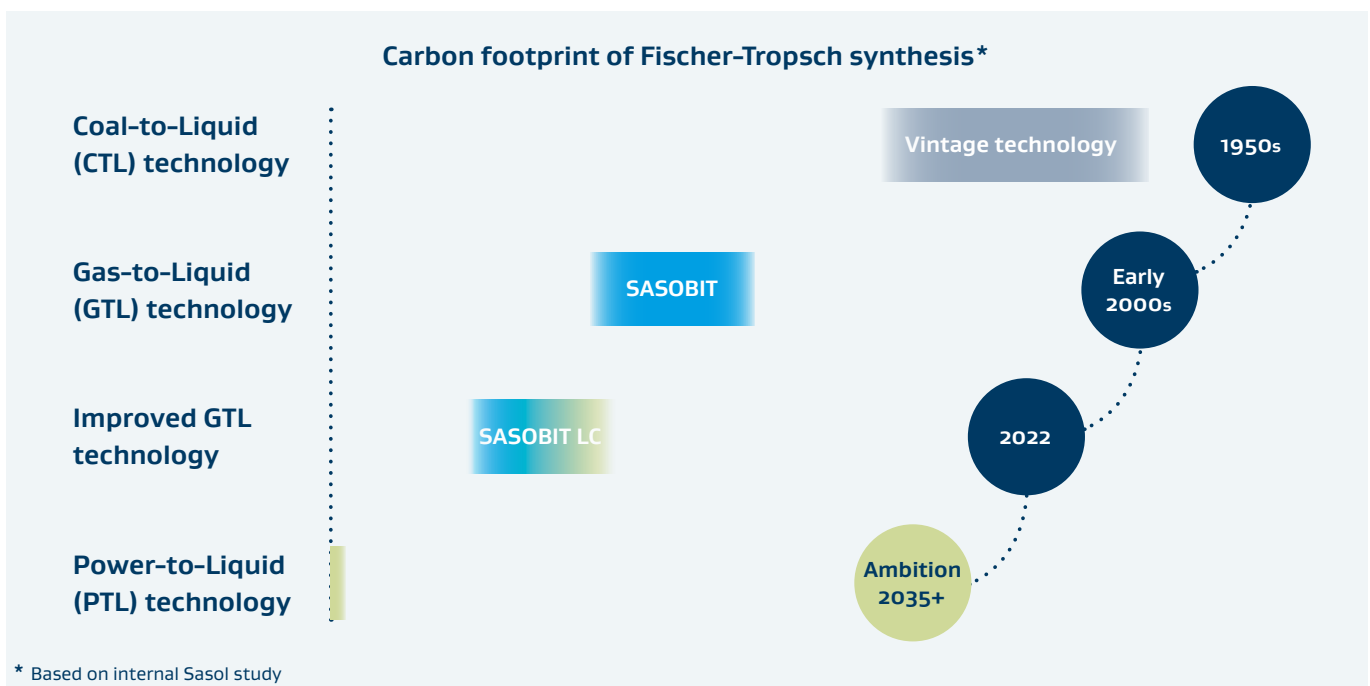
Data	SASOBIT	SASOBIT LC	SASOBIT REDUX
Congealing point °C	100–110	96–100	72–83
Penetration (25 °C) 0.1 mm	0–2	0–3	16–30

Effect on binder	SASOBIT*	SASOBIT LC*	SASOBIT REDUX
Reduced viscosity (mixing and paving temperature range)	●●	●●	●●●
Increased stiffness (service temperature range)	●●	●●	
Effect on softening point, Åqui-Schermodultemp. T(G* = 15 kPa) and penetration (25 °C)	●●	●●	○

* Used in VL binders in accordance with technical regulations in Germany.

Application	SASOBIT	SASOBIT LC	SASOBIT REDUX
Enhanced workability	●●	●●	●●●
Temperature reduction (warm mix/NTA)	●●	●●	●●●
Improved process reliability	●●	●●	●●●
Wider compaction window			●●
Early traffic release	●●	●●	●
Heavy-duty asphalt mixes	●●	●●	

Sustainability	SASOBIT	SASOBIT LC	SASOBIT REDUX
Reduced carbon footprint	●	●●●	●●
Increased use of RAP	●	●	●●



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