

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

Product comparison

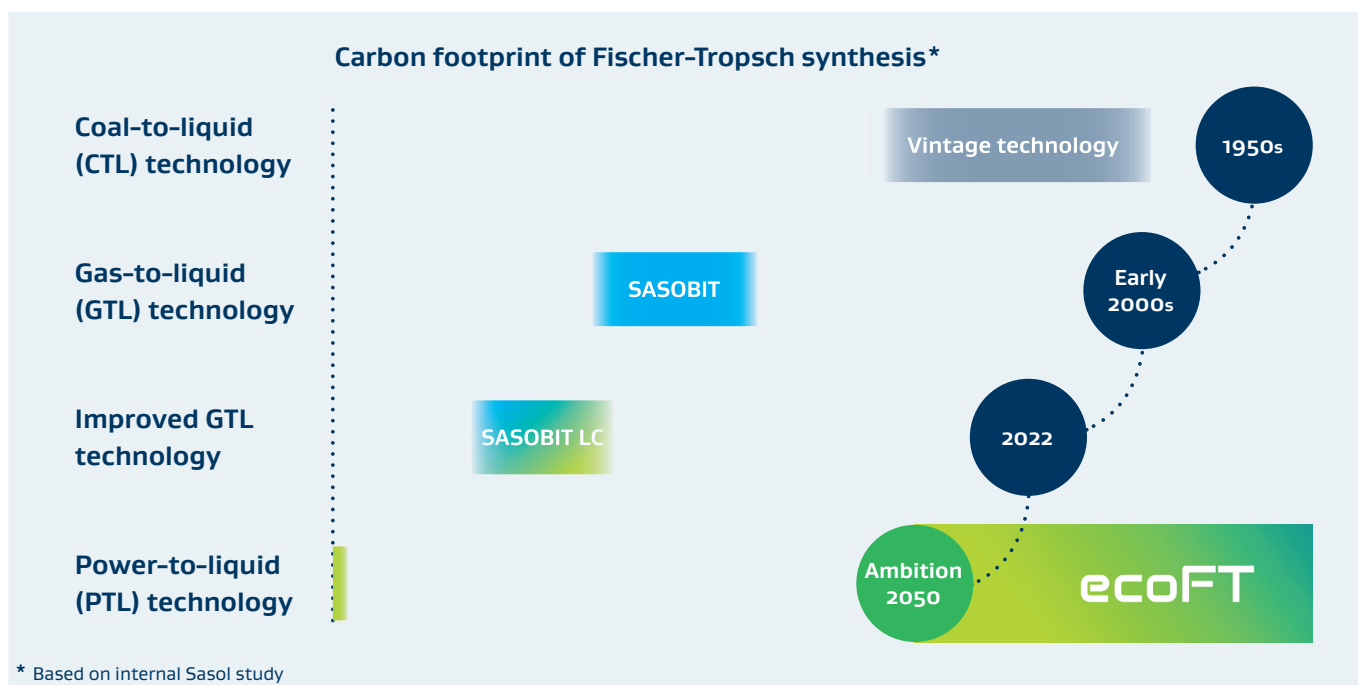
| Data | SASOBIT | SASOBIT LC | SASOBIT REDUX |
|----------------------------|---------|------------|---------------|
| Congealing point °C | 100–110 | 96–100 | 72–83 |
| Penetration (25 °C) 0.1 mm | 0–2 | 0–3 | 16–30 |

| Effect on binder | SASOBIT* | SASOBIT LC* | SASOBIT REDUX |
|--|----------|-------------|---------------|
| Reduced viscosity (mixing and paving temperature range) | ●● | ●● | ●●● |
| Increased stiffness (service temperature range) | ●● | ●● | |
| Effect on softening point, Äqui-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 | ● | ● | ●● |



CONTACT

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