

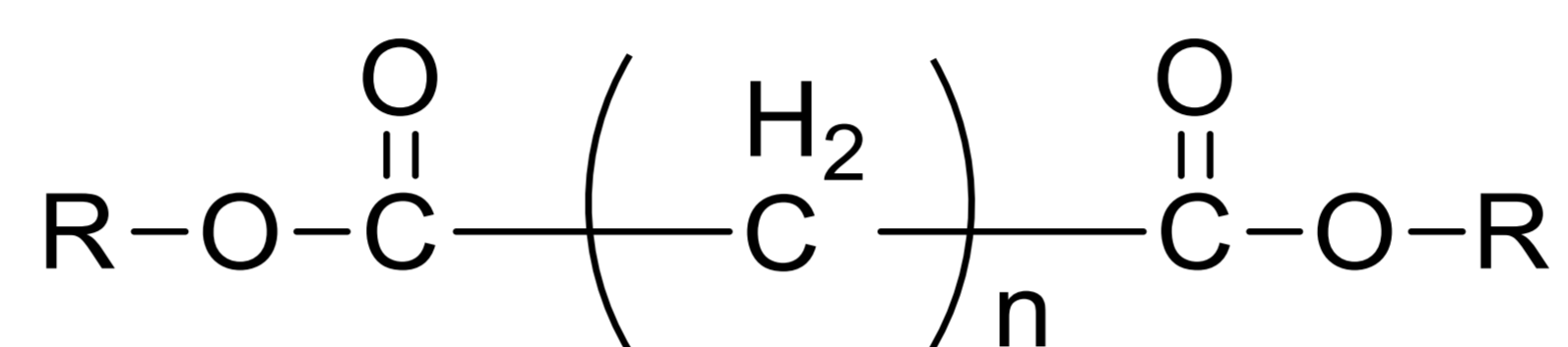
# High performance ester lubricants

## SANSO CIZER<sup>®</sup> Series

### Dibasic acid ester

- ✓ **Excellent balance among low-temperature fluidity, lubrication performance and heat resistance**
- ✓ **Good compatibility with antioxidants and extreme-pressure additives**

They have been adopted for automotive application as an additive for hydrocarbon lubricants such as Mineral oil and PAO.



Product name	n	R
SANSO CIZER <sup>®</sup> DOA	4	2-ethylhexyl
SANSO CIZER <sup>®</sup> DINA	4	isononyl
SANSO CIZER <sup>®</sup> DIDA	4	isodecyl
SANSO CIZER <sup>®</sup> DOZ	7	2-ethylhexyl
SANSO CIZER <sup>®</sup> DOS	8	2-ethylhexyl

### ● Physical property data

Product name	Kinetic viscosity [mm <sup>2</sup> /s]		Viscosity index	Flash point [°C]	Pour point [°C]
	40°C	100°C			
SANSO CIZER DOA	7.8	2.4	122	205	< -60
SANSO CIZER DINA	10.8	3.1	149	232	< -60
SANSO CIZER DIDA	14.5	3.5	148	222	< -60
SANSO CIZER DOZ	10.5	3.0	151	211	< -60
SANSO CIZER DOS	11.6	3.2	150	228	< -60