


### Testing of the oil SINOPEC "Great Wall I -40°C Transformer oil

Shanghai Branch Lubricant Company

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Properties of the oil in the delivered state, no additional treatment

Property	Test Standart	Unit	Great Wall I -40°C Transformer oil	Requirement IEC 60296
Neutralisations-value	IEC 62021	mgKOH/g	<0.01	<0.01
Water content	IEC 60814	mgH <sub>2</sub> O/kg	14	<30
Interfacial tension	ISO 6295	mN/m	42.5	not a general requirement
Power factor @ 25°C 60°C 80°C 90°C 100°C 100°C after 30Min	IEC 60247	- - - - - -	0 0.00010 0.00030 0.00044 0.00086 0.00080	max.0.005
Breakdown voltage	IEC 60156	kV	56/50/53/43/74/64 Ø = 74.8	min.30
Corrosive sulfur	IEC 62535		negative 	negative

## Comments :

- All the above performed tests are conform with the IEC 60296 requirements.
- No oil compatibility tests have been performed in Trench France up to now.