

## Oil Data Sheet

### Composition/information on ingredients

#### Chemical properties

PAO-based lubricant and additives

Components	CAS Number	EINECS Number	Proportion in percent, remarks
Synthetic polyester	68515-49-1		5-10
Synthetic poly alpha olefin (PAO)	68037-01-4		75-80
Hydrogenated ISO parafin	64742-54-7	265-157-1	10-15, less than 3% DMSO extractable components as per IP 346
Synthetic oxidation inhibitor	68921-45-9		0,5-1
Synthetic corrosion inhibitor	28015-99-8		0,5-1
Synthetic ashless EP additive	10254-57-6		1-5
Synthetic oxidation inhibitor	41484-35-9		0,5-1

This product contains no hazardous substances within the definition of OSHA regulation 29 CFR 1910.1200

### Physical and chemical properties

#### Physical properties

Form: liquid

Colour: gold/yellow

Odour: mild hydrocarbons

#### Safety relevant data:

pH value:

neutral

Boiling point

>371°C (700°F)

Pour point (DIN ISO 3016)	<-30°C
Flash point (DIN ISO 2592) and method	>238°C (460°F) COC
Autoignition temperature	>315°C (600°F)
Evaporation rate (butyl acetate)	negligible
Vapour pressure (20°C)	<0,01 kPa
Volatiles	none
Density (15°C)(DIN 51 757 D)	>860 kg/m <sup>3</sup> (>0.86 g/cm <sup>3</sup> )
Flammability (ambient temperature)	not flammable
Fire-provoking characteristics	none
Solubility in water (20°C)	insoluble
Vapour density	greater than air
Kinetic viscosity (40°C) (DIN 51 562, T.1)	41.4-50.6 mm <sup>2</sup> /s (cSt)
Kinetic viscosity (100°C) (DIN 51 562, T.1)	7.3-50 mm <sup>2</sup> /s (cSt)