

EXTIEL GPG

IsoKane™ 4X

4 cSt BaseOil Product Datasheet

Fully-Synthesized Super-Fluid

Premier-Class G4A Base Oil. Synthesized by Advanced SGTL Processes.

SGTL Base Oil (100% Synthesized BaseOil)

Fully-Synthesized Group IV Alternative (G4A) designer base oil, delivers ultra high-performance, dependable consistency & long-term stability.

Contaminant Free, High-Purity base oil.

Isokane base oils are water-clear and free of aromatics, sulfur, olefins & oxygenates.

Positive Environmental Impact with a small GHG footprint, rapidly biodegradable, non-toxic and with no VOC's.

Health-Friendly Isokane base oils are odor-free, non-toxic and allowed for use in a wide range of 21 CFR food & agriculture contact applications.

Superior Lubricant Properties for exceptional application performance:

- ✓ High Thermal Stability
- ✓ Oxidation Resistant
- ✓ Low Noack Volatility
- ✓ High VI (Viscosity Index)
- ✓ High Shear Stability
- ✓ Ultra Lightweight
- ✓ Clear, Water-like
- ✓ Long Life
- ✓ Biodegradable
- ✓ No Aromatics or Phos.
- ✓ No O₂, N₂ or Olefins
- ✓ Low Cold Crank Start

Isokane 4X BaseOil Applications include:

- Gas & Diesel Engines
- Turbine Engines
- Correction Fluids
- Transmission Fluids
- Hydraulic Fluids
- Metal Coating
- Metal Working
- Off-Road Equipment
- Gear Oils
- Rubber Goods
- Sealants
- Aerosol Sprays
- Diluents
- Degreasers
- Light Lubricants
- Compressors & Pumps

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100% Designer-Synthesized. Paraffinic Super-Fluid.

Property	ASTM Test Method	Unit Value	Range
Specific Gravity, 15°C	D 1298	0.83	0.82-0.84
Viscosity Index	D 2270	145	140-150
Viscosity (cSt), 100°C	D 445	4.1	3.9-4.3
Viscosity (cSt), 40°C	D 445	17.1	16.9-17.2
Color, Sayboldt	D 156	+30	na
Flash Point, °C	D 92	235	200 min
Pour Point, °C	D 97	-35	na
Noack Volatility , Wt%	D 5800	10.5	12.5 max
CCS @ -30C (mPa-s)	D5293	790	780-795
Sulfur, ppm Wt	D 5453	non-detectable	non-detectable
Saturates, Wt%	D 2007	>99%	>99%
Aromatics, Wt%	by GC	non-detectable	non-detectable
TAN, mgKOH/g	D 974	<0.01	<0.01
Oxygenates	by GC	non-detectable	non-detectable