

IsoKane™ 2X

2 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.

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
- ✓ 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 2X 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 | 0.805 | 0.801-0.809 |
| Viscosity Index | D 2270 | 122 | 120-124 |
| Viscosity (cSt), 100°C | D 445 | 2.0 | 1.9-2.2 |
| Viscosity (cSt), 40°C | D 445 | 6.2 | 6.0-6.4 |
| Color, Sayboldt | D 156 | +30 | na |
| Flash Point, °C | D 92 | 170 | 160 min |
| Pour Point, °C | D 97 | -45 | na |
| Noack Volatility , Wt% | D 5800 | na | na |
| Sulfur, ppm Wt | D 5453 | non-detectable | non-detectable |
| Saturates, Wt% | D 2007 | >99% | >99% |
| Aromatics, ppm Wt | by GC | non-detectable | non-detectable |
| TAN, mgKOH/g | D 974 | <0.01 | <0.01 |
| Oxygenates. Ppm Wt | by GC | non-detectable | non-detectable |