



Synthetic Barrier Fluid

STARFIRE Synthetic Barrier Fluids are non-reactive full synthetic polyalphaolefin (PAO) oils designed to provide excellent cooling and lubrication for double and tandem mechanical seals over a wide operating temperature range. They are compatible with most mineral, PAO, and ester oils. They are not compatible with silicone and glycol synthetic lubricants.

Starfire Premium Products makes no claims of compatibility or suitability with respect to any specific seal or process materials. The user of this product is responsible for determining compatibility and suitability for their needs.

Technical Data

Test	Procedure	Results (Typical)		
		7016	7017	7025
Viscosity 100°C, cSt	D 445	1.7	4.0	10
Viscosity 40°C, cSt	D 445	5.20	17.9	62.1
Viscosity Index	D 2270	NA	121	146
Specific Gravity (g/ml)	D 1298	0.7990	0.8193	0.8343
Density, (lb/gal)	D 1298	6.652	6.822	6.947
Color	D 1500	L0.5	L0.5	L0.5
Flash Point, °C (°F) (COC)	D 92	158 (316)	216 (421)	237 (459)
Fire Point, °C (°F) (COC)	D 92	172(342)	246 (475)	269 (516)
Pour Point, °C (°F)	D 97	-65 (-85)	-65 (-85)	-55 (-67)
PDSC@180°C, Minutes	D 6186	42.1	80.2	73.28

The specifications on this sheet are provided by the manufacturer. We do not guarantee the accuracy of these specifications as they are subject to change without notice.