

PROCESS OIL N



LUBRICATION



Naphthenic process oils

APPLICATIONS

Industrial uses

- **PROCESS OIL N** are high quality lubricating oils used as process oils in a variety of industries. They are available in a wide range of viscosities to meet industrial equipment lubrication needs. They are made from specially selected, hydrotreated, naphthenic base stocks which exhibit low to medium viscosity indexes.
- **PROCESS OIL N** oils are primarily used as process oils in a variety of industries: rubber, adhesives, plastics, textiles, processing hides or skins, and the manufacture of printing inks. They can also be used as anti-clumping agents, anti-dust agents, flushing oils, etc.

ADVANTAGES

Special characteristics

- Medium to low natural viscosity index
- High aniline point for excellent solubility
- Perfectly suitable for blending
- Narrow distillation range
- Bright and clear
- Good lubricity
- Non-staining

TYPICAL CHARACTERISTICS—PROCESS OIL N*

ISO grade	10	22	150	220	360
Density @ 60 °F, lbs./gal. (ASTM D 1298)	7.40	7.58	7.76	7.79	7.84
Specific gravity @ 60/60 °F (ASTM D 1298)	0.888	0.910	0.932	0.936	0.941
Viscosity at 40°C, cSt (ASTM D 445)	9.6	20.7	147	235	361
Viscosity at 100°C, cSt (ASTM D 445)	2.4	3.55	9.8	12.3	14.8
Viscosity index (ASTM D 2272)	-	39	0	-24	-50
Color (ASTM D 1500)	L0.5	L0.5	L1.0	1.0	1.5
Flash point, COC, °F (°C) (ASTM D 92)	300 (149)	325 (163)	400 (204)	415 (213)	428 (220)
Pour point, °F (°C) (ASTM D 97)	-70 (-57)	-40 (-40)	0 (-18)	10 (-12)	12 (-11)
Aniline point, °F (°C) (ASTM D 611)	160 (71)	163 (73)	179 (82)	182 (83)	184 (84)

* Please check with technical services regarding current properties of these oils. Other sources with slightly different properties are available.

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