

DaelimSynol 1100

Product Specifications

Test Item	Unit	Test Method	Specification
Color (APHA)	–	ASTM D1209	Max 20
Kinematic Viscosity at 100°C	cSt	ASTM D445	990 ~ 1,210
Kinematic Viscosity at 40°C	cSt	ASTM D445	Report
Flash Point (COC)	°C	ASTM D92	Min 280
Pour Point	°C	ASTM D6749	Max -5
Total Acid Number	mgKOH/g	ASTM D664	Max 0.1
Water	Wt-ppm	ASTM D6304	Max 40

Properties of DaelimSynol

- Water-White Color (Clear Transparent Liquid)
- Excellent Thickening Efficiency
- Excellent Stability of Oxidant
- Superior Shear Stability
- Low Pour Points & Superior Viscosity Index(VI)
- Superior Seal Compatibility
- Non-Staining Characteristics (non-corrosive)
- Excellent Electrical Insulating Properties
- No Residue
- Non Odor & Non-Toxic

Typical Value of DaelimSynol 1100

Typical Properties	Unit	Test Method	Typical Value
Color (APHA)	–	ASTM D1209	10
Kinematic Viscosity at 100°C	cSt	ASTM D445	1,100
Kinematic Viscosity at 40°C	cSt	ASTM D445	18,900
Flash Point (COC)	°C	ASTM D92	295
Pour Point	°C	ASTM D6749	-8
Specific Gravity(60/60°F)	–	ASTM D4052	0.84
Total Acid Number	mgKOH/g	ASTM D664	< 0.01
Water	Wt-ppm	ASTM D6304	< 30

Important Notice to User

The result on this technical data are reliable under the limited conditions and methods mentioned. It should be needed the user to get suitability for commercial use.

Application

- Additives
 - Lubricant Oil Additive(Viscosity Modifier)
 - Polymer · Rubber Additives(Property Improver)
 - Engine Oils
 - Gear Oils
- Greases
 - Hydraulic fluids
 - Compressor Oils
 - Cable & Wires

Cautions and Recommendations

Preliminary statement For safe handling information on this product, consult the Material Safety Data Sheets (MSDS)

*Handling

- Wear protective gloves / protective clothing / eye protection / face protection
- Maintain below flash point, protect to leak of liquid or vapor.
- Keep away from open flames, shut off the production of source of ignition (electricity/electricity sparks/heat/material of high-temperature)
- Ground/bond all container and receiving equipment, use equipment of prevention of explosion.
- Do not breathe vapor or mist when using this material. Avoid prolonged or repeated contact with skin. Avoid contact with eyes.
- Empty containers may contain harmful, flammable/combustible or explosive residue or vapors.
- Wash thoroughly after handling.

Storage

- Keep container tightly closed in a cool, well-ventilated place.
- Keep container tightly closed before use.
- Avoid contact with incompatible materials.
- Keep away from heat, sparks, open flames, source of ignition.
- Suitable storage materials : mild steel/ carbon steel

Hazards Identification

- GHS Classification : Not Classifiable
- GHS label elements
 - Hazard symbols : Not Classifiable
 - Signal word : Not Classifiable
 - Hazard statement : Not Classifiable
 - Precautionary statements : Not Classifiable
- Other hazards which do not result in classification
 - May causes irritation if contact with eyes, skin, mucous membranes.
 - If contact with non-refrigerated product, may causes burns.
 - NFPA Classification(0~4 steps):Health=1, Flammability=1, Reactivity=0
 - HMIS Classification(0~4 steps): Health=1, Flammability=1, Reactivity=0

Health and Safety

Health and Safety Guidance on Health and Safety are available on the appropriate Material Safety Data Sheets (MSDS) that can be obtained from DL Chemical Co., Ltd. representative.

Understand the Material Safety Data Sheets (MSDS) for additional information on personal protective equipment and for safety, health, environmental & toxicology information, first aid measures, ecological & regulatory information.

If additional information is required, please contact the below.

Contact Information

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Visit Us at Our Website

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