



LIGHTNINLUBE™

Life for Your Lightnin Mixer

As part of our commitment to our customers and their operations, Lightnin has introduced LightninLube™, a range of gear oil for our Lightnin Mixers.

LightninLube is available to order with your new equipment or as a maintenance item throughout the life your equipment. It is designed to keep your equipment running smoothly with the correct lubrication. LightninLube is available in 5 USGal (20 Liter) keg or 55 USGal. (205 Liter) drums so that you can hold the right quantity for your operational needs.

LightninLube is manufactured to AGMA Standard 9005-D94. Our synthetic oils are designed to give you a wide operating range and are available in ISO 100, ISO 150, ISO 220 and ISO 320 grades.

LightninLube has been selected for use with our Lightnin gearboxes from the following ranges:

-Series 10	-70/80 Series
-500/600 Series	-98 Series
-700/800 Series	

Reordering Made Easy

LightninLube is easy to reorder to ensure you have the right quantity when you need it. Each container carries the reorder part number right on the label, the QR-Code can be scanned with any mobile device to take you straight to our reorder point at our online store. You can also go directly to our Lightnin online store by navigating to shop.spflow.com. You can also contact your local sale representative to place your order.

*Terms and Conditions apply.



Reorder:



LIGHTNINLUBE™ PROPERTIES

Product Description

LightninLube is an advanced synthetic industrial gear oil formulated to provide excellent performance in all Lightnin oil lubricated gear drives. It is a tier one mature lubrication product specified and packaged specifically for your Lightnin mixer application. It offers superior performance and corrosion protection over a wide range and including severe operating conditions.

LightninLube offers extended life and capacity over conventional industrial gear oils. Our oil is compatible with other mineral based oils but to gain the greatest benefit and performance, your gear drive should be flushed and cleaned of other brands if converting—this does not apply to new Lightnin gear drives on initial fillings.

LightninLube™ Typical Properties

ISO VISCOSITY GRADE VISCOSITY, ASTM D4455	100	150	220	320
cST @ 40°C (104°F)	100	150	220	320
cST @ 40°C (104°F)	15.3	21.1	28.5	38.5
VISCOSITY INDEX, ASTM D2270	162	166	169	172
POUR POINT, °C (°F), ASTM D5950	-45 (-49)	-42 (-43)	-42 (-43)	-42 (-43)
FLASH POINT, °C (°F), ASTM D92	235 (455)	220 (428)	220 (428)	225 (437)
DENSITY @ 15°C (60°F) ASTM D4052	0.86	0.86	0.87	0.87
APPEARANCE, VISUAL	ORANGE	ORANGE	ORANGE	ORANGE
TOST, ASTM D943 MOD, HOURS	10,000+	10,000+	10,000+	10,000+
RPVOT, ASTM D2722, MINUTES	2500	2500	2500	2500
RUST PROTECTION, ASTM D665B SYNTHETIC SEA WATER	PASS	PASS	PASS	PASS
WATER SEPARABILITY, ASTM D1401, MIN. TO 37 ML WATER @ 82°C (180°F)	15	20	20	20
COPPER CORROSION, ASTM D130 24 HOURS @ 49°C (121°F)	1B	1B	1B	1B

Manufactured in Accordance with:

- AGMA 9005 E02
- DIN 51517-3CLP
- ISO 12925-1 CKD



SPX FLOW, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region.

For more information, visit www.spxflow.com/lightnin.