TECHNICAL DATA BULLETIN

451 & 452 ALMASOL® CHAIN & CABLE LUBRICANT

LEADERS IN LUBRICANTS

DESCRIPTION:

Special soft, semifluid formulation with excellent adhesive and water resistance characteristics. Stays in where chain links, pins, bushings, sheave bushings and bearings are worn. Protects against cable strand wear and corrosion. Contains ALMASOL®, an inorganic platelet material with high compressive strength which has an affinity for metal and is chemically inert. Available in two NLGI grades.

PHYSICAL CHARACTERISTICS – TYPICAL:

	451	452
NLGI Grade	000	00
Thickener Type	Calcium	Calcium
Unworked Penetration, @ 25ºC	460	415
Dropping Point, ºF (ºC)	180 (82)	180 (82)
Color	Red/Gold	Red/Gold
Texture	Stringy	Stringy

BASE OIL – PHYSICAL CHARACTERISTICS – TYPICAL:

Viscosity	
SUS @ 100ºF	665
SUS @ 210ºF	64.9
cSt @ 40ºC	144
cSt @ 100ºC	11.7

APPLICATION:

For all chain links, pins, bushings and cable sheave bearings needing a good, water resistant adhesive grease. Excellent for cables and open or enclosed silent and roller chains. Can be used effectively in low operating temperature gear cases where soft or semifluid grease is required. Typical operating range is –20ºF to 170ºF (-29ºC to 77ºC).

RECOMMENDATION:

Not for high temperature use or where gear oil is specified.

LUBRICATION ENGINEERS, Inc.®

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LE PRODUCTS MANUFACTURED UNDER AN ISO 9001 CERTIFIED QUALITY SYSTEM

BENEFICIAL QUALITIES:

Water resistant.

Excellent penetrating characteristics help avoid strand corrosion.

Adhesive action causes grease to cling tightly, following pin, bushing or bearing surfaces.

ALMASOL®, LE's exclusive wear-reducing additive lengthens life expectancy. Parts operate cooler. Selected crudes plus special refining and blending provide a grease giving the best lubrication.

ALMASOL's affinity for metals tends to seal surfaces, offering greater protection against rust and corrosion.

ALMASOL's "seal coat" is micro thin and will not appreciably change tolerances. Surfaces slide over one another with much less resistance.

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