

STANDARD ACCESSORIES

HYDRALUBE® F-150i

- ▶ New technology creates a high performance, water-based pourable lubricant for increased friction reduction; highly effective for placing high voltage power cables
- ▶ Formulated for many difficult applications, including extremely long pulls with multiple bends
- ▶ Will not be displaced by cables and compatible with all types of cable jackets
- ▶ Silicone modified for maximum friction reduction properties
- ▶ Especially effective for placement of fiber optic, coaxial, and other communications cables
- ▶ Can be poured or pumped; slow drying, leaves a lubricating, non-adhesive film
- ▶ Designed to meet or exceed all cable pulling requirements with respect to viscosity, cling, drag, wetting, operational temperature range, and reduction of pulling tension.
- ▶ Available in wide range of package sizes
- ▶ UL listed



PROPERTIES	TEST METHOD	VALUE
Appearance	–	Opaque, white colored, pourable liquid
Brookfield Viscosity (100 rpm)	ASTM 2196	1350 cPs (25°C)
Density	–	Approximately 8.4 pounds per gallon
Percent Non-Volatile Solids	–	5.0 to 5.5%
Temperature Stability	Freeze/Thaw (10 cycles)	Excellent, no phase separation
	Higher Temperature (7 days @ 122°F)	Excellent, no phase separation
pH	–	7.5 - 8.0
Toxicity	–	Non-Toxic and Non-Sensitizing
Temperature Use Range	–	Summer Grade: 20°F to 140°F (-7°C to 60°C) Winter Grade: 0°F to 140°F (-18°C to 60°C) Canadian Grade: -20°F to 140°F (-28C to 60°C)
Flammability	ASTM D93 (PMCC)	Product has no flash point, residue has no significant flammability
Polyethylene Stress Cracking	ASTM D1693 (14 days)	No failures (LDPE, MDPE and HDPE)
Compatibility with Cable Jackets	IEEE/ICC P1210	No adverse effects on physical or electrical properties
Lubricity	MDPE-jacketed cable in HDPE conduit	(150 lb/ft sidewall load @ 65 fpm pulling speed)
	BELLCORE TR-NTW-002811	coefficient of kinetic friction < 0.075

	4 - 1 GAL (CS)	6 - 1 GAL (CS)	2 - 2.5 GAL (CS)	5 GAL PAIL	55 GAL DRUM
F150i Summer	20000211		20000212	20000205	20002217
F150i Winter			20000213	20000214	
F150i Canadian		20000193			
Shipping Weights	38 lbs	52 lbs	45 lbs	48 lbs	491 lbs

Hydralube® F-150i is a water-based formulation that is essentially non-toxic, non-sensitizing, and non-combustible. This material is easily washed off the skin or clothing with soap and water. Hydralube® F-150i is extremely slippery, and care must be taken to avoid spills, which might cause a slip hazard. Consult Hydralube® F-150i Material Safety Data Sheet (MSDS) for additional information.