

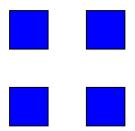


PLUSCO 428 Premium High Temp And Pressure Wireline Grease Seal

PLUSCO 428 represents a new innovation in providing a better seal retention in controlling pressures during wireline operations using the injection control head. **PLUSCO 428** also provides better seal control under higher operating temperatures.

This new type of "Honey Oil" remains more stable during wireline operations involving higher temperature conditions. **PLUSCO 428** remains more stable to viscosity change as temperature increases than conventional wireline grease seal.

PLUSCO 428 retains it's adhesive and cohesive characteristics during higher temperature operations. In addition to maintaining and holding higher seal pressures, through the use of high tech additives increase viscosity stability was achieved. Plusco 428 reduces the friction of the wireline, thus keeping wear on flow tubes and line down to a minimum. PLUSCO 428 retains higher working pressure using less product, resulting in reducing the loss of condensate from the well thus preventing well site contamination. PLUSCO 428 remains more stable to viscosity change over varying temperature conditions. PLUSCO 428 protects against corrosive effects of H2S, CO2 and other downhole chemicals.





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Viscosity Specifications

Temperatures	Viscosity, cPs
30°F	71,600
40°F	62,500
50°F	54,500
60°F	47,500
70°F	42,500
77°F	28,000 - 30,000
83°F	25,500
90°F	24,200
110°F	20,500
130°F	17,500
150°F	12,000
170°F	9,500
190°F	7,000
210°F	6,500
220°F	6,000
250°F	5,200
275°F	4,900
300°F	4,500
325°F	3,500
350°F	3,100

PLUSCO, Inc., P.O. Box 7953, Houston, Texas 77270

any product failure or other damage beyond the purchase price of the material furnished by us. No agent or representative or employee of this company is authorized to change this provision which relates to all goods delivered whether sold or delivered as samples or otherwise.

Warranty: Because the conditions of use and the supervision of application are beyond the control of Plusco, Inc., we assume no liability for