



UCON Fluids&Lubricants Shanghai Ping Yiao Trading Co.,Ltd

UCON Water-Glycol Fire-Resistant Hydraulic Fluids

UCON™ hydrolubes meet the demand for relatively low-cost, fire-resistant hydraulic fluids. They are balanced formulations of a glycol-water base thickened with a water-soluble UCON™ lubricant. They contain additives to improve lubrication properties and provide resistance to both liquid- and vapor-phase corrosion. UCON™ hydrolubes are tested to the Standard 6930 Flammability Classification of Industrial Fluids and carry the distinction as an “FM Approved” product. Dow sells both concentrates and finished hydrolubes

Select a product below to download a Technical Data Sheet or brochure.

Product	Description†	Typical Viscosity 40°C (cSt)
UCON ADVANTA™ Hydrolube Concentrate	Water-glycol hydraulic fluid used in fluid formulations that provide improved fire resistance while protecting equipment under severe service conditions. Liquid concentrate with a red, slightly hazy, appearance. Must use distilled/deionized water to produce an ISO 46 fluid. Dilution is 57 wt% concentrate to 43 wt% water.	Finished Fluid: 39.0 - 46.0
UCON™ Hydrolube Concentrate 6439	Liquid concentrate with a water-white to light yellow appearance. Must use distilled/deionized water to produce an ISO 46 fluid. Dilution is 68 wt% concentrate to 32 wt% water.	Concentrate: 191 – 231 Finished Fluid: 39 – 46.0
UCON™ Hydrolube Concentrate 6452	Liquid concentrate with a red appearance. Must use distilled/deionized water to produce an ISO 46 fluid. Dilution is 68 wt% concentrate to 32 wt% water.	Concentrate: 191 – 231 Finished Fluid: 39.0 – 46.0
UCON™ Hydrolube Concentrate 9001	Liquid concentrate with a water-white to light yellow appearance. Must use distilled/deionized water to produce an ISO 46 fluid. Dilution is 75 wt% concentrate to 25 wt% water.	Concentrate: 146 – 166 Finished Fluid: 42.0 – 50.0
UCON™ Hydrolube DG-732, Dyed	Fully formulated, fire-resistant water-glycol (FM Approved) ISO 32 hydraulic fluid. Product is red in appearance.	29.0 – 34.0
UCON™ Hydrolube DG-746, Dyed	Fully formulated, fire-resistant water-glycol (FM Approved) ISO 46 hydraulic fluid. Product is red in appearance.	39.0 – 46.0
UCON™ Hydrolube DG-	Fully formulated, fire-resistant water-glycol (FM Approved) ISO 68	57.0 – 65.0

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760, Dyed	hydraulic fluid. Product is red in appearance.	
UCON™ Hydrolube HP-5046D	Fully formulated, fire-resistant water-glycol (FM Approved) ISO 46 hydraulic fluid. Specially formulated for use in high pressure systems. Product is red in appearance.	42.0 - 50.0
UCON™ Hydrolube FG 46	Fire-resistant, water-glycol based hydraulic fluid that is registered as a lubricant with incidental food contact by NSF (H-1 registration 1311580) for use in and around food processing areas. Developed for food processing applications, such as fryers, ovens, cookers, and other heat applications	42.0 – 50.0

† Typical properties, not to be construed as specifications.

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