

SALES SPECIFICATIONS

Sales Specification No : 34102-0
 Effective Date : 01/09/2001
 Page No. 1 of 1

**PRODUCT NAME****Skydrol® LD4 Fire Resistant Hydraulic Fluid****SPECIFICATIONS**

PROPERTY	LIMITS	TEST METHOD
Appearance: Clear, oily liquid	PASS	ANA-A-AN-G-MIS-343
Color: Purple, comparable to standard	PASS	ANA-A-AN-G-COL-300
AIT (ASTM D2155), °F	752 MIN	ANA-A-AN-G-AIT-301
Calcium, ppm	10 MAX	ANA-A-AN-G-ICP-327
Potassium, ppm	30 MAX	
Sodium, ppm	10 MAX	
Sulfur, ppm	1185 - 1540	
Chlorine, Total, ppm	50 MAX	ANA-A-AN-G-POT-303
Flash Point, COC °F	320 MIN	EMN-A-AC-G-FLM-2500
Fire Point, COC °F	350 MIN	
Foam: Seq 1 @ 75°F, collapse time, s	100 MAX	ANA-A-AN-G-FOA-306
Foam: Seq 1 @ 75°F, tendency, mL	250 MAX	
Foam: Seq 2 @ 200°F, collapse time, s	50 MAX	
Foam: Seq 2 @ 200°F, tendency, mL	150 MAX	
Foam: Seq 3 @ 75°F, collapse time, s	250 MAX	
Foam: Seq 3 @ 75°F, tendency, mL	450 MAX	
Moisture, %	0.20 MAX	ANA-A-AN-G-POT-329
Neutralization Number, mg KOH/g	0.10 MAX	EMN-A-AC-G-POT-2502
Particle Cont., 5-15 microns, ct/100mL	32000 MAX	ANA-A-AN-G-PSA-307
Particle Cont., 15-25 microns, ct/100mL	5700 MAX	
Particle Cont., 25-50 microns, ct/100mL	1012 MAX	
Particle Cont., 50-100 microns, ct/100mL	180 MAX	
Particle Cont., >100 microns, ct/100mL	32 MAX	
Pour Point, °F	-80 MAX	ANA-A-AN-G-MIS-336
Refractive Index @ 25°C	1.443 - 1.451	EMN-A-AC-G-RI-2500
Specific Gravity @ 25/25°C	1.003 - 1.013	EMN-A-AC-G-DEN-2500
Viscosity @ 100°F, cSt	10.65 - 11.65	EMN-A-AC-G-V-2500
Viscosity @ 210°F, cSt	3.66 - 4.00	
Viscosity @ -15°F, cSt	130 MAX	
Viscosity @ -65°F, cSt	2000 MAX	

Eastman Chemical Company · P.O. BOX 511 · Kingsport, Tennessee 37662 USA · 1-800-EASTMAN · 1-423-229-2000 · www.EASTMAN.com

Sales Specification available on Eastman.com

For reasons of safety and accuracy, the person performing this procedure must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant science. Equipment and materials described should be used in accordance with safety precautions recommended by their manufacturers. Limits in this specification are applicable only to data obtained by the referenced test method.

Neither Eastman Chemical Company nor its marketing affiliates shall be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the seller's conditions of sale.