

TECHNICAL SPECIFICATION



PRODUCT DESCRIPTION

LAUGFS HYDEX Series, blended with API Group II category Base oils and designed for all types of hydraulic equipment, including modern hydraulic high pressure pumps and systems, it meets or exceeds the performance requirements of all major mainstream hydraulic equipment manufacturers and industry organization specifications. HYDREX has the capability to provide performance reserve, leading to a problem free life of both equipment and fluid.

Product Name	LAUGFS HYDREX Series
Product Category	HYDRAULIC Grade
ISO VG Grades	ISO VG32, ISO VG46, ISO VG68 & ISO VG100
Performance Standards	
OEM Claim	HM HF0,HF1,HF2 Denison-Parker (HD32,46 & 68 Only) (The global leader in motion and control technologies)
Technology meets	Bosch Rexroth RDE 90235 Eaton E-FDGN-TB002-E Fives P68, P69, P70 (HM, HV) DIN 51524-2 (HM); DIN 51524-3 (HV) ISO 11158 (HM, HV) GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS) ASTM D6158 (HM, HV) SAE MS 1004 (HM, HV) JCMAS P041 HK Hydraulic specification GM LS-2, AIST 126, 127 SEB 181222

PHYSICAL & CHEMICAL PROPERTIES *

Parameter	Test Method	Unit	Typical Data			
			HD 32	HD 46	HD 68	HD 100
Appearance	Visual	-	B & C	B & C	B & C	B & C
ASTM Color	ASTM D1500	-	<0.5	<0.5	<0.5	<0.5
Density @ Room temperature	ASTM D4052	g/mL	0.84	0.85	0.85	0.86
Kinematic Viscosity at 40° C	ASTM D445	cSt	31.5 – 33.5	44.5 – 47.5	66.5 – 69.5	98.5 – 102.5
Kinematic Viscosity at 100° C	ASTM D445	cSt	5.5 – 6.5	7.5 – 8.5	9.0 – 10.0	10.5 – 11.5
Viscosity Index	ASTM D2270	-	110	100	100	100
Flash Point(COC),	ASTM D92	°C	215	225	230	230
Pour Point	ASTM D97	°C	-21	-18	-18	-15
Total Acid Number	ASTM D664	mg. KOH/ g.	0.30	0.30	0.30	0.30

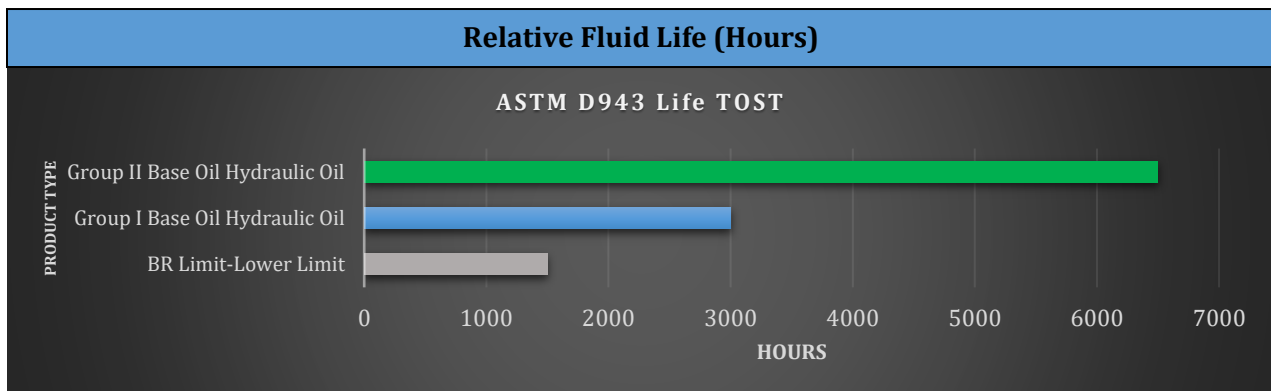
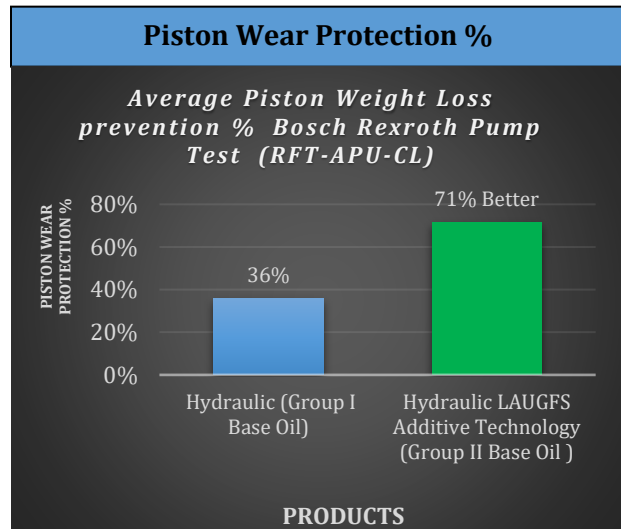
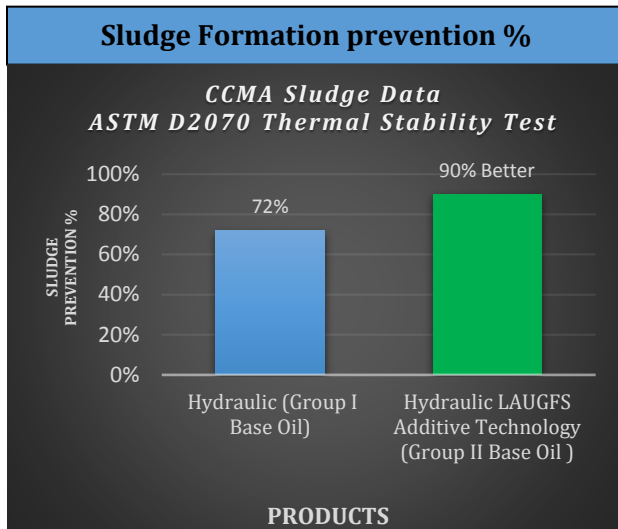
* This is a technical Specification for LAUGFS Product according to the current additive package. It may have minor deviations on basis of supply.

PRODUCT APPLICATIONS

- All types of hydraulic systems operating under moderate to severe conditions in stationary mobile and industrial service. Mobile hydraulic -fluid power transmission system and general machine lubrication (Where this type of -fluid is recommended).

KEY BENEFITS TO CUSTOMER

- Extends drain intervals by prolonging fluid life
- Improves equipment reliability by protecting critical parts
- Performs in demanding conditions where water is present
- Helps reduce down time
- Supports enhanced productivity, Smooth operation
- Excellent hydraulic system efficiency
- Advanced anti-wear property results in longer equipment life, Thermo-oxidative properties controls the formation of sludge, varnish and improves oil life
- Advanced rust & corrosion inhibitors protect metal components even in the presence of moisture Excellent air separation properties prevent aeration and cavitation damage



-END -

Caution:-

Avoid prolonged & repeated skin contact with used oil. Wash skin thoroughly after handling. Keep out of the reach of children. Dispose of used oil & container in an environmentally responsible manner