



POWER HYDRAULIC LIFE Plus **(800 series-HVI)** **Anti-wear Hydraulic Oil**

DESCRIPTION

POWER HYDRAULIC LIFE PLUS is supreme performance anti-wear hydraulic oil engineered for wide temperature range application. High quality hydraulic oil with controlled low temperature properties, also provide maximize anti-wear protection for high pressure vane, piston and gear pumps. Provide long oil filter life and optimum equipment protection reducing both maintained cost and product disposal cost. Developed in conjunction with a major OEMs to meet stringent requirements of severe hydraulic systems using high pressure, high output pumps as well as handling the critical requirements of other hydraulic systems components such as close clearance servo valves. These Premium quality hydraulic oil formulated with high quality mineral base oils and highly chemical based additives which have all the required properties for use in the field of industrial hydraulics and fluid power lubrication.

APPLICATION:

- Industrial hydraulic systems.
- Marine hydraulic systems.
- Mobile hydraulic fluid power transmission systems.

BENEFITS:

- Excellent thermal stability.
- Superior oxidation resistance and hydraulic stability.
- Outstanding anti-wear, anti-foam and air release properties.
- Low friction and good water separation properties.
- Superior filterability and hydraulic stability.
- All-round versatility in industrial hydraulic applications.





PRODUCT DATA SHEET

PERFORMANCE

CINCINNATI (CM)	P68/P70/P69
DENISON	HF-0/HF-1/HF-2
VICKERS	I-286-S, M-2950-S

APPROVAL

DENISON	HF-0/HF-1/HF-2
---------	----------------

POWER HYDRAULIC LIFE available ISO VG 22, 32, 37, 46, 68,100 and 150

Specifications

Test Parameter	Units	Test Limits				Test Method
product		822	832	837	846	—
ISO VG		VG 22	VG 32	VG 37	VG 46	-
Appearance	-	C&B	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.860	0.870	0.870	0.880	ASTM D-4052
Viscosity @ 40°C	mm ² /s	19.8-22.2	28.8-35.2	33.3-40.7	41.4-50.6	ASTM D-445
Viscosity @ 100°C	mm ² /s	4.08	5.19	5.39	6.7	ASTM D-445
Viscosity Index	-	150	140	140	140	ASTM D- 2270
Flash Point (COC)	°C	206	210	216	218	ASTM D-92
Pour Point	°C	-39	-36	-33	-33	ASTM D-97
Foaming Test						
Seq I	ml	20/0	20/0	20/0	20/0	ASTM D-892
Seq II	ml	20/0	20/0	20/0	20/0	
Seq III	ml	20/0	20/0	20/0	20/0	
Water Seperability to 3 ml Emulsion	min	15	15	20	20	ASTM D-1401
Air Release	min	4	4	5	5	ASTM D-3427
CODE		800/1	800/1	800/3	800/4	-





PRODUCT DATA SHEET

Test Parameter	Units	Test Limits			Test Method
product		868	8100	8150	-
ISO VG		VG 68	VG 100	VG 150	-
Appearance	-	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.880	0.890	0.890	ASTM D-4052
Viscosity @ 40°C	mm ² /s	61.2-74.8	90-110	135-165	ASTM D-445
Viscosity @ 100°C	mm ² /s	7.6	12.5	16.5	ASTM D-445
Viscosity Index	-	130	125	118	ASTM D- 2270
Flash Point (COC)	°C	232	230	250	ASTM D-92
Pour Point	°C	-33	-30	-30	ASTM D-97
Foaming Test	ml	20/0	20/0	20/0	ASTM D-892
Seq I	ml	20/0	20/0	20/0	
Seq II	ml	20/0	20/0	20/0	
Seq III	ml	20/0	20/0	20/0	
Water Seperability to 3 ml Emulsion	Min	30	30	35	ASTM D-1401
Air Release	Min	5	6	7	ASTM D-3427
CODE	-	800/5	800/6	800/7	-

