

Stamina Hydraulic



High performance anti-wear hydraulic oils

APPLICATIONS

Hydraulic circuits

- Designed for use in all kind of hydraulic systems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment.
- Also used in many other applications, requiring universal high performance anti-wear lubricant such as low charged gears, sliding and roller bearings, air compressors, servo-motors and control systems equipped with fine filtration systems.



PERFORMANCES

Meets the Specifications:

AFNOR	E 48-603 HM
ISO	11158 HM
DIN	51524 2HLP
CINNATI MACHINE	P-69
SAVER DANFOSS	520LO463
DENISON	TP30560: HF-2
EATON (VICKERS)	M-2950-S/M2952 -S/I-286-5
BOSCH REXROTH	07075 Vane, Piston, 8 gear pumps

ADVANTAGES

Long equipment life time

High operating reliability

- High protection against wear insuring maximum equipment life.
- Superior thermal stability avoiding formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid.
- Remarkable filterability even in the presence of water.
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties by using silicon free components.
- Good demulsibility ensuring rapid water separation.
- Reduced maintenance and operating costs.

CHARACTERISTICS

	Methods	Units	Stamina Hydraulic ISO				
			22	32	46	68	100
Density at 15°C	ASTM D4052	kg/m ³	861	871	877	885	889
Viscosity at 40°C	ASTM D7042	mm ² /s	19.8 - 24.2	28.8 - 35.2	41.4 - 50.6	61.2 - 71.8	90 - 110
Viscosity at 100°C	ASTM D7042	mm ² /s	4.3	5.4	6.8	8.7	11.2
Viscosity index	ASTM D2270	-	>98	>98	>98	>98	>97
Flash point (COC)	ASTM D	°C	>175	>195	>205	>205	>220
Pour point	ASTM D97	°C	-39	-39	-36	-33	-30
Air Release Value 250°C	DIN 51381	minutes	<5	<4	<5	<8	<14
Demulsibility 254°C	DIN 51599	minutes	<40	<30	<30	<30	<60

The typical characteristics mentioned represents mean values.

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INER-G Stamina Hydraulic

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