

HYDRAULIC OILS**DELSPIN HP 32/46/68****DESCRIPTION**

DELSPIN HP is a line of premium quality anti-wear, zinc free, lubricants available in a wide range from ISO Grade 32 to 68.

DELSPIN HP oils are made from blends of selected and carefully refined high quality base stocks combined with special additives to provide outstanding anti-wear properties, rust protection, low deposit formation, oxidation resistance, good anti-foam properties and fast air release properties. **DELSPIN HP** oils are non-corrosive to metal alloys and are fully compatible with common seal materials usually found in hydraulic systems. **DELSPIN HP** oils also have good hydrolytic stability and filterability.

DELSPIN HP oils can be used in a wide variety of industrial and marine hydraulic applications. Used in the appropriate viscosity grade recommended by the pump manufactory, **DELSPIN HP** is very effective in reducing vane and gear pump wear in systems operating at high loads, speed and temperatures.

SPECIFICATIONS

VICKERS M-2950 S	FZG (STAGE 12)	DENISON HFO
DIN 51524 PT 2 HLP	CINCINNATI MILACRON	VICKERS I-286-S3
	DENISON T6C20	AFNOR NF 48-603 (HM)

PHYSICAL PROPERTIES

	DELSPIN HP 46	DELSPIN HP 32	DELSPIN HP 68
Density at 15°C .	0.875	0.870	0.880
(DIN 51519) ISO VG	46	32	68
viscosity at 40°C, cSt	46	32	68
Viscosity at 100°C, cSt	6.5	5.5	8.0
Flash point , °C220	220	180	220
Oxide ash	<0.2%	<0.2%	<0.2%
Air separation ability LAV at 50 C	<6 min	<6 min	<6 min
Water content %<0.2	<0,2	<0.2	<0.2
Increase of TAN value (delta NZ)	<1 mg KOH/g	<1 mg KOH/g	<1 mg KOH/g
Copper corrosion	1	1	1