

PRODUCT INFORMATION

PRODUCT NAME VASOIL HYDRAULIC ZF OILS

DESCRIPTION **HYDRAULIC ZF OILS** are Anti-wear ashless hydraulic oils blended from high viscosity index base oil and from special selected additives to provide:

1. Anti-wear and EP Properties
2. Low pour points
3. Oxidation stability
4. Water resistance
5. Anti-foaming properties
6. Corrosion protection
7. Excellent filterability
8. does not contain heavy metals or zinc to avoid contributing to their accumulation in the environment.

PRODUCT USE

HYDRAULIC ZF OILS can be used for earth moving machinery hydraulic system, industrial hydraulic system and all hydraulic system recommended zinc free oil.

SPECIFICATIONS

DIN 51524 PART 2 (HLP)	DIN 51515 PART 2	DENISON HFO
ARNOF NF E 48-603 (HM)	DIN 51517 PART 2	U.S. STEEL 120
VDMA 24318	Cincinnati , P55, P54, P57, P62	BS 489

CHARACTERISTICS (TYPICAL PROPERTIES)

VASOIL BRAND	ISO Viscosity Grade	Mass Density @ 15 C Kg / lt	Flash point ASTM C	Pour point D93 C	Kinematic Viscosity		Viscosity Index
					40 C	100 C	
HYDRAULIC ZF OILS	22	0,831	220	-30	22	4,6	127
	32	0,872	220	-20	32	5,1	103
	46	0,876	230	-20	46	6,8	103
	68	0,883	240	-20	68	8,7	99
	100	0,890	250	-20	100	11,2	97
	150	0,891	263	-15	150	14,8	98