

ZIC SUPERVIS

X 32 / X 46 / X 68 / X 100

Hydraulic Oil for Outdoor Construction Equipment
INDUSTRIAL OIL

GENERAL CHARACTERISTICS __

- Outstanding anti-wear property by forming protective film on metal surface to extend the lifespan of hydraulic components
- Excellent oxidation and thermal stability preventing the formation of sludge, varnish and deposits to reduce maintenance repairs
- Enhanced demulsibility from water preventing corrosion and wear and anti-foaming property to ensure efficient hydraulic system
- High viscosity index to maintain hydraulic system operation in a wide operating temperature range of lower and higher temperatures

DESCRIPTION __

ZIC SUPERVIS X is a synthetic hydraulic oil products made of carefully selected high quality base oil including Group III base oil, YUBASE, and advanced additives to provide excellent hydraulic oil performances of anti-wear, oxidation/thermal stability, rust protection, low sludge/varnish/deposit formation, good demulsibility and friction property required for mobile hydraulic system. It also has high viscosity index to ensure applications in a wider range of outdoor temperature to maintain excellent operation of hydraulic equipment in both lower and higher temperatures.

SPECIFICATION __

SUPERVIS X 32 / SUPERVIS X 46 / SUPERVIS X 68 / SUPERVIS X 100

- DIN 51524 Part 3 HVLP, Eaton Vickers M-2950-S/I-286-S, AFNOR NFE 48-603 HV, ISO 11158 HV, Cincinnati P-68, 69, 70, Sauer Danfoss 520L0463

RECOMMENDATIONS __

- Recommended for outdoor construction machinery (excavators, bulldozers, loaders, cranes, backhoes, graders, compactors, etc.)

TYPICAL PROPERTIES __

ISO VG	32	46	68	100
ASTM Color	L0.5	L0.5	0.5	1.0
Density, g/cm ³	0.844	0.848	0.863	0.875
Kinematic, Viscosity at 40°C, cSt	32.1	45.3	67.2	95.2
Kinematic, Viscosity at 100°C, cSt	6.28	8.04	10.82	13.91
Viscosity Index	150	151	152	149
TAN, mgKOH/g	0.25	0.25	0.26	0.25
Flash Point, °C	232	246	248	256
Pour Point, °C	-42	-39	-39	-36
Demulsion Time, min	10	10	10	10
Copper Corrosion, 100°C/3hr	1-a	1-a	1-a	1-a
Rust Prevention, sea water	Pass	Pass	Pass	Pass

