



* LUBRICANTS *

Hydraulic AW68 is industrial oil formulated from high quality , High Viscosity Index (HVI), mineral base oil which contains performance additive such as anti wear , anti oxidant and other additive in order to provide excellent wear control, having good oxidation stability, rust and corrosion protection.

Hydraulic AW68 Designed for used in all kind of hydraulic system operation under high pressure and normal temperature conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment. Also using in many other applications, where an universal anti wear lubricants is the first choice : low charged gears, sliding and roller bearings.

Features & Benefits

- High anti wear properties insuring longer equipment life.
- Good resistance to oxidation avoiding formation of sludge at normal operation temperature and ensuring a long service life of the fluid.
- Good filterability even in the presence of water
- Excellent protection against rust and corrosion.
- Good demulsibility ensuring rapid water separation

TYPICAL CHARACTERISTICS

Characteristic	Test Method	AW32	AW46	AW 68
Appearance		B & C	B & C	B& C
Density at 30 oC, kg/l	ASTM D .4052	0.8484	0.8484	0.8484
Kinematic Viscosity at 40 °C, cSt	ASTM D .445	32.07	45.83	68.01
Kinematic Viscosity at 100 °C cSt	ASTM D .445	5.48	7.06	9.12
Viscosity Index	ASTM D .2270	107	105	109
Apparent Viscosity at .15.C, cP	ASTM D .5293	0.872	0.878	6300
Colour	Visual	0.5	0.5	L 0.5
Flash Point, oC	ASTM D .92	219	220	227
Pour Point, .C	ASTM D .5950	-30	-30	-35
Total Base Number, mg KOH/g	ASTM D .2896	N.A	N.A	N.A

Storage & Handling

Products should be stored under cover if possible. Drums stored outside should be laid horizontally, with the bung below the oil level, to prevent the ingress of water and the obliteration of drum markings.

When handling the products, a maximum temperature of 60°C should be observed for storage, transporting, loading and unloading. However, it is strongly recommended that for long-term storage, the temperature should not exceed 40°C.

HYDRAULIC OIL



The Best Lubricants
for Your Engine



AMERICAN PETROLEUM INSTITUTE

