



FUMIO LUBE

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LUBRICATING OIL

FL HYDRO AW 100

FL HYDRO AW 100 is range of lubricants with excellent oxidation stability and corrosion protection, designed for hydraulic and circulating systems.

- FL HYDRO AW 100 is suitable for all hydraulic applications and circulation systems where an ISO HL/CL type lubricant is recommended.
- The very low viscosity grades are recommended for use in high speed spindles and bearings, e.g. Textile machines and grinding spindles, for hydraulic control applications and for hydrostatic bearing systems.
- The middle viscosity grade are widely used in hydraulic control systems and hydraulic power systems working at moderate pressures and temperatures, they are also suitable for a wide range of ring oiled or circulation oiled bearings e.g. motor dynamo bearings, textile and packaging machines, small steam turbines, centrifugal pumps, and similar applications.
- The heavier grades are recommended for circulation systems, bearings and gears in machine tools, steam engines, compressors and a wide range of general machinery. They are also particularly useful in mining and quarrying applications e.g. gyratory crushers where easy cold start conditions are required.

PROPERTIES AND ADVANTGES :

- Good oxidation stability ensuring a long product life.
- Good demulsifications properties allowing a fast water separation.
- Good anti-foam characteristics.

TYPICAL CHARACTERISTICS :

Methods	Characteristics	ISO Grades
		100
ASTM D4052	Density at 20°C, kg/l	0.884
ASTM D445	Viscosity at 40°C, mm ² /s	101
ASTM D445	Viscosity at 100°C, mm ² /s	11
ASTM D2270	Viscosity index	96
ASTM D92	Flash point COC, °C	266
ASTM D97	Pour point, °C	-15

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