PETROTM OIL

DMCC DUBAI MULTI COMMODITIES CENTRE

LUBENZ HOXX SPECIAL HYDRAULIC OIL AW series

High Performance Anti-wear Hydraulic fluids

Product Data Sheet

Product Description

LUBENZ HOXX SPECIAL HYDRAULIC OIL AW range of lubricants are supreme performance anti-wear hydraulic oils formulated with high quality base stocks and balanced additive technology. They are designed to work efficiently in hydraulic systems operating under severe conditions, where high levels of anti-wear and oil film strength protection are desired. Moreover they are also designed to work in systems where non anti-wear hydraulic oils are generally recommended.

Features & Benefits

- Outstanding thermal & oxidation stability helps in extending life of oil and filter.
- Superior demulsibility property of oil protects hydraulic systems from small quantities of moisture and also separates readily from larger quantities of water.
- Excellent anti-wear properties and outstanding film strength provides exceptional equipment protection, that not only results in fewer breakdowns but also helps improve production efficiency.
- Excellent protection from rust and corrosion of multi-metallurgy system components.

Specifications

LUBENZ HOXX SPECIAL HYDRAULIC OIL AW series meets or exceeds following International and Builder specifications:

- DIN 51524 Part 2 HLP type
- Denison HF-0 (T6H20C)
- ISO 11158 (HM fluids)
- VICKERS M-2950S, -I-286

Application

LUBENZ HOXX SPECIAL HYDRAULIC OIL AW series are suitable for use in Hydraulic systems of Industrial and Mobile equipment.

- Suitable for use in Marine hydraulics, machine tools, mould injection machines and hydraulic presses.
- Applications where anti-wear lubricant is required: low charged gears, bearings, air compressors etc.,

Typical Characteristics

LUBENZ HOXX SPECIAL HYDRAULIC OIL AW	Test Method	Units	15	22	32	46	68	100	150
ISO Viscosity Grade	ISO 3448	-	15	22	32	46	68	100	150
Density @ 15 ^{0}C	ASTM D 4052	gm/cc	0.845	0.864	0.870	0.878	0.880	0.887	0.894
Viscosity @ 40 ^{0}C	ASTM D 445	cSt	15.6	22.9	32.4	46.8	68.9	100.8	150.2
Viscosity @ 100 ^{0}C	ASTM D 445	cSt	3.5	4.4	5.38	6.78	8.72	11.15	14.56
Viscosity Index	ASTM D 2270	-	100	100	98	98	98	95	95
Pour Point	ASTM D 97	°C	-39	-30	-27	-27	-21	-21	-18
Flash Point (COC)	ASTM D 92	°C	180	204	224	230	234	246	272
Copper Strip Corrosion	ASTM D 130	-	1A	1B	1B	1B	1B	1B	1B
Rust Characteristics Proc B	ASTM D 665	-	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foam Seq I,II,III	ASTM D 892	ml/ml	20/0	20/0	20/0	20/0	20/0	20/0	20/0

The above figures are typical of blends with normal production tolerance and do not constitute a specification.