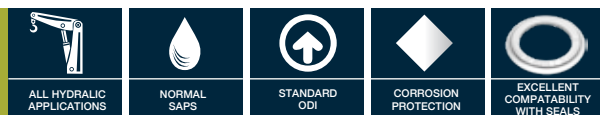


HYDEN AW SERIES

PREMIUM ANTI-WEAR/ZINC BASED HYDRAULIC OILS



Performance Claims

MEETS REQUIREMENT OF: DIN 51524 PART 2 (HLP); SAE MS 1004 (HM); ISO 11158 (HM); ASTM D6158 (HM); DENISON HF-0/HF-1/HF-2 (APPROVED); EATON E-FDGN-TB002-E; CINCINNATI MACHINE P-68/P-69/P-70; BOSCH REXROTH RDE 90235/45; GM LS-2; JCMAS P041 HK; SEB 181222; CONESTOGA PUMP TEST ISO 20763; AIST 126/127

Product Description

HYDEN AW SERIES are manufactured from a high quality of virgin base oils combined with anti-wear additives and rust inhibitors, to provide high stable premium hydraulic fluids with quality reserve excellent performance under severe operating condition in mobile industrial service.

Features & Benefits

- ✓ Cleaner servo valves, less chances for sticking.
- ✓ Superior thermal stability, avoid the formation of sludge even at high temperature.
- ✓ Superior filterability increase filter life.
- ✓ Multi- metal compatibility under wet and dry conditions.
- ✓ Good demulsibility ensuring rapid water separation in the case of water getting into the circuit.
- ✓ Excellent protection against rust and corrosion ensuring maximum equipment life.
- ✓ Rapid air release property minimizes chances of pump cavitation leading troubles for operations.

Applications

HYDEN AW SERIES are recommended for all mobile and stationary hydraulic system operating under severe conditions, it's also can be used in circulation, splash and ring oil lubricants system where these kind of lubricants recommended.

Typical Test Data

Characteristics	Method	Unit	Typical Value							
Product Name			HYDEN AW 10	HYDEN AW 15	HYDEN AW 22	HYDEN AW 32	HYDEN AW 37	HYDEN AW 46	HYDEN AW 68	HYDEN AW 100
Product Code			ISLH 51027	ISLH 51028	ISLH 51029	ISLH 51030	ISLH 51031	ISLH 51032	ISLH 51033	ISLH 51034
ISO Grade			10	15	22	32	37	46	68	100
Density @ 25°C	ASTM D 4052	g/cc	0.81	0.83	0.85	0.86	0.86	0.86	0.87	0.88
K. Viscosity @ 40°C	ASTM D 7042	cSt	9.80	14.60	22.00	32.00	37.00	46.10	68.30	99.40
K. Viscosity @ 100°C	ASTM D 7042	cSt	2.69	3.42	4.40	5.45	5.98	6.84	8.80	11.30
Viscosity Index	ASTM D 2270	None	112	109	109	105	105	103	101	100
Demulsibility	ASTM D 1401	minutes	10 @ 54°C	15 @ 54°C	15 @ 54°C	15 @ 54°C	15 @ 54°C	20 @ 54°C	20 @ 54°C	20 @ 82°C
Flash Point	ASTM D 92	°C	190	198	204	216	222	228	236	242
Pour Point	ASTM D 6749	°C	-39	-36	-27	-24	-24	-24	-21	-18
TAN	ASTM D 664	mg-KOH/g	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42

Health and Safety

This product used as our recommendation for intended application is not expected to produce any particular risk. A safety data sheet of the product is available on request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.

Available Packages | BULK | 205 L | 25 L | 20 L | 6X5 L | 4X5 L | 6X4 L | 4X4 L | 12X1L |