ZEITH HiPower Hyd 68 HVI SERIES

High Viscosity Index Anti-wear Hydraulic fluids

Product Data Sheet

Product Description

ZEITH HiPower Hyd 68 HVI range of lubricants are high viscosity index anti-wear hydraulic fluids formulated with high quality HVI base stocks and advanced anti-wear additive technology. They are designed to work efficiently in hydraulic & fluid power transmission systems, subjected to wide temperature ranges operating under severe conditions. These oils are available in ISO viscosity grades from 68 to 150.

Features & Benefits

- Very high viscosity index and excellent shear stability, ensures long pump life under extreme conditions.
- Outstanding thermal & oxidation stability helps in extending life of oil and filter.
- Outstanding demulsibility aids in rapid water separation and provides excellent hydrolytic stability.
- Excellent anti-wear property of oil provides maximum equipment life, under severe duty & high loads.
- Excellent protection from rust and corrosion of multi-metallurgy system components.
- Good anti-foam and air release characteristics, designed by using silicon free additive components

Specifications

ZEITH HiPower Hyd 68 HVI series meets or exceeds following International and Builder specifications:

- DIN 51524 Part 3 HVLP type
- Denison HF-0, HF-2 (T6H20C)
- Cincinnati Machine P68, P69, P70
- AFNOR NF E 48-603 HV
- ISO 6743/4 HV
- VICKERS M-2950S, -I-286
- VICKERS 35VQ25, 104C

Application

These HVI oils are designed for use in Hydraulic applications subjected to wide temperature variations.

- Passenger cars, SUVs, light trucks and vans.
- Suitable for all types of modern vehicles, including high-performance turbo-charged, superchargedgasoline & diesel multi-valve fuel injected engines
- Excluded service includes - commercial and racing applications, frequent towing or hauling, extremely dusty or dirty conditions or excessive idling.

Typical Characteristics

ZEITH HiPower HydHVI	Test Method	Units	22	32	37	46	68	100	150
ISO Viscosity Grade	ISO 3448	-	**22**	32	37	46	68	100	150
Density @ 15 ^{0}C	ASTM D 4052	gm/cc	0.864	0.870	0.870	0.878	0.880	0.887	0.894
Viscosity @ 40 ^{0}C	ASTM D 445	cSt	22.9	32.4	37.2	46.8	68.9	100.8	150.2
Viscosity @ 100 ^{0}C	ASTM D 445	cSt	5.12	6.46	7.21	8.41	11.27	13.21	16.85
Viscosity Index	ASTM D 6870	-	160	156	160	156	156	128	120
Pour Point	ASTM D 97	°C	-39	-39	-39	-39	-36	-33	-33
Flash Point (COC)	ASTM D 92	°C	204	224	224	230	234	246	252
Copper Strip Corrosion	ASTM D 130	-	1A	1A	1A	1A	1A	1A	1A
Rust Characteristics Proc B	ASTM D 665	-	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foam Seq I,II,III	ASTM D 892	ml/ml	10/0	10/0	10/0	10/0	10/0	10/0	10/0
Demulsibility, 40/40/0	ASTM D 1401	min	5	5	5	10	10	15	15
TAN, mg KOH/g	ASTM D 2896	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4

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

For further information, please contact: sales@zeithlubricants.com