

Product Data Sheet

Zaitak Hydraulic Fluid

Jordan National Lube Oil Co.
الشركة الوطنية الأردنية لصناعة الزيوت المعدنية

Description:

Zaitak Hydraulic Fluid is high Performance barium- and calcium-free hydraulic oil. **Zaitak Hydraulic Fluid** is formulated with highly refined mineral oils and selected premium additives which make it high load carrying capacity hydraulic oil.

Benefits :

- It offers excellent anti-wear, corrosion protection and anti-oxidation characteristics.
- Distinguished air-release and anti-foam properties.
- **Zaitak Hydraulic Fluid** exhibits good filtration properties even in the presence of water and when extremely fine filters are used.
- Not suitable for use in silver-plated pumps.
- Made from 100% virgin base oil.

Performance Levels:

- DIN 51524 Part 2 (HLP).
- AFNOR NF E 48-603 (HM)
- Sperry Vickers I-286-S
- Denison filterability TP 02100
- US Steel 126, 127.



Specifications:

Zaitak Hydraulic Fluid ISO 32

#	Test	Unit	Method	Control Limit	Typical Test Result
1	Viscosity Grade	-	-	ISO 32	ISO 32
2	Kinematic Viscosity @ 100°C	cSt	ASTM D445	5.0 (min)	5.28
3	Kinematic Viscosity @ 40°C	cSt	ASTM D445	28.0 – 35.0	32.0
4	Viscosity Index	-	ASTM D2270	95 (min)	100
5	Flash Point	°C	ASTM D92	175 (min)	220
6	Pour Point	°C	ASTM D97	-18 (max)	-18
7	Foaming Seq I	ml/ml	ASTM D892	150/0 (max)	5/0
8	Foaming Seq II	ml/ml	ASTM D892	75/0 (max)	15/0
9	Foaming Seq III	ml/ml	ASTM D892	150/0 (max)	5/0

Member of Sayegh Group

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Zaitak Hydraulic Fluid 37

#	Test	Unit	Method	Control Limit	Typical Test Result
1	Viscosity Grade	-	-		
2	Kinematic Viscosity @ 100°C	cSt	ASTM D445	5 (min)	5.8
3	Kinematic Viscosity @ 40°C	cSt	ASTM D445	35.10 - 41.30	36.5
4	Viscosity Index	-	ASTM D2270	95 (min)	105
5	Flash Point	°C	ASTM D92	175 (min)	222
6	Pour Point	°C	ASTM D97	-18 (max)	-21
7	Foaming Seq I	ml/ml	ASTM D892	150/0 (max)	5/0
8	Foaming Seq II	ml/ml	ASTM D892	75/0 (max)	15/0
9	Foaming Seq III	ml/ml	ASTM D892	150/0 (max)	5/0

Zaitak Hydraulic Fluid ISO 46

#	Test	Unit	Method	Control Limit	Typical Test Result
1	Viscosity Grade	-	-	ISO 46	ISO 46
2	Kinematic Viscosity @ 100°C	cSt	ASTM D445	6.1 (min)	6.5
3	Kinematic Viscosity @ 40°C	cSt	ASTM D445	41.40-50.60	44.8
4	Viscosity Index	-	ASTM D2270	95 (min)	105
5	Flash Point	°C	ASTM D92	185 (min)	225
6	Pour Point	°C	ASTM D97	-15(max)	-21
7	Foaming Seq I	ml/ml	ASTM D892	150/0 (max)	5/0
8	Foaming Seq II	ml/ml	ASTM D892	75/0 (max)	15/0
9	Foaming Seq III	ml/ml	ASTM D892	150/0 (max)	5/0

Zaitak Hydraulic Fluid ISO 68

#	Test	Unit	Method	Control Limit	Typical Test Result
1	Viscosity Grade	-	-	ISO 68	ISO 68
2	Kinematic Viscosity @ 100°C	cSt	ASTM D445	7.8 (min)	8.5
3	Kinematic Viscosity @ 40°C	cSt	ASTM D445	61.20-74.80	65.7
4	Viscosity Index	-	ASTM D2270	95 (min)	102
5	Flash Point	°C	ASTM D92	185 (min)	240
6	Pour Point	°C	ASTM D97	-12(max)	-18
7	Foaming Seq I	ml/ml	ASTM D892	150/0 (max)	5/0
8	Foaming Seq II	ml/ml	ASTM D892	75/0 (max)	15/0

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9	Foaming Seq III	ml/ml	ASTM D892	150/0 (max)	5/0
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Zaitak Hydraulic Fluid ISO 100

#	Test	Unit	Method	Control Limit	Typical Test Result
1	Viscosity Grade	-	-	ISO 100	ISO 100
2	Kinematic Viscosity @ 100°C	cSt	ASTM D445	9.9 (min)	10.5
3	Kinematic Viscosity @ 40°C	cSt	ASTM D445	90-110	101
4	Viscosity Index	-	ASTM D2270	90 (min)	95
5	Flash Point	°C	ASTM D92	205 (min)	212
6	Pour Point	°C	ASTM D97	-12(max)	-15
7	Foaming Seq I	ml/ml	ASTM D892	150/0 (max)	5/0
8	Foaming Seq II	ml/ml	ASTM D892	75/0 (max)	15/0
9	Foaming Seq III	ml/ml	ASTM D892	150/0 (max)	5/0



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