



## **INDUSTRIAL HYDRAULIC OILS**

### **PRODUCT DESCRIPTION & BENEFITS**

BOSS INDUSTRIAL HYDRAULIC OILS are formulated with high VI base oils and an excellent zinc/phosphorous anti-wear additive package for operational use in low and high pressure systems in industrial and mobile applications. These industrial grade hydraulic oils are designed for heavy duty application encountered in the industry and provide the following benefits:

- Proven field performance
- Outstanding thermal and oxidative stability
- Superior hydraulic stability
- Excellent demulsibility, rust protection and anti-foam characteristics
- Low filter blockage tendency
- Extreme pressure protection

### **PERFORMANCE SPECIFICATION**

ISO Grade	22	32	46	68	100
AGMA Grade	~	~	1	2	3
Specific Gravity (60°F)	0.855	0.857	0.859	0.866	0.874
Kinematic Viscosity					
cSt @ 40°C	22	32	43.8	67	99
cSt @ 100°C	4.3	5.6	6.9	9.1	11.9
Viscosity Index	110	114	112	110	105
Flash Point, °C	220	228	246	252	250
Pour Point, °C	-42	-38	-37	-34	-20
Demulsibility (D1401)	PASS	PASS	PASS	PASS	PASS
Oxidation Stability (D943), hrs	4400	6400	6300	5400	2000
Rust Characteristics (D665), A&B	PASS	PASS	PASS	PASS	PASS
Copper Corrosion	1A	1A	1A	1A	1A
Color	L 1.0	L 1.0	L 1.5	L 2.5	L 3.0

NOTE: VALUES SHOWN ABOVE ARE REPRESENTATIVE OF CURRENT PRODUCTION AND MAY VARY WITHIN MODEST RANGES

\*In order to provide superior quality, BOSS Lubricants reserves the right to change composition of its products without notice.



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### APPLICATIONS

- Dension HF-1, HF-2, HF-0
- Eaton/Vickers I-286-S, M-2950-S
- Vickers 35VQ25
- Cincinnati Machine P-68, P-69, P-70
- Racine, Variable Volume Vane Pump
- Din 51524 PAR2
- Ford M6C32
- Chrysler
- General Motors LS-2
- US Steel 136 specification for stability and durability

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