



PRODUCT SPECIFICATION DATA SHEET



BOSS INDUSTRIAL HYDRAULIC OILS

Customer Benefits:

BOSS INDUSTRIAL HYDRAULIC OILS are formulated with an excellent anti-wear additive package for operational use in low and high-pressure systems in industrial and mobile applications. These hydraulic oils provide the following benefits:

- PROVEN FIELD PERFORMANCE
- OUTSTANDING THERMAL AND OXIDATIVE STABILITY
- SUPERIOR HYDROLYTIC STABILITY
- EXCELLENT DEMULSIBILITY
- EXCELLENT RUST PROTECTION
- LOW FILTER BLOCKAGE TENDENCY
- EXCELLENT ANTI-FOAM CHARACTERISTICS
- EXTREME PRESSURE PROTECTION

PERFORMANCE SPECIFICATIONS:

ISO VISCOSITY	22	32	46	68	100
DENSITY @ 15°C, KG/L	0.8600	0.8614	0.865	0.8694	0.8810
KINEMATIC VISCOSITY					
CST @ 40°C	22	32	46	68	100
CST @ 100°C	4.2	5.4	6.8	8.9	11.4
VISCOSITY INDEX	100	100	105	102	102
FLASH POINT, °C	179	190	232	232	233
POUR POINT, °C	-42	-36	-33	-30	-25
OXIDATION STABILITY	3000+	4000+	4000+	4000+	4000+
HOURS (D943)					
DEMULSIBILITY (D1401)	PASS	PASS	PASS	PASS	PASS
COLOUR	LIGHT PALE	LIGHT PALE	LIGHT PALE	LIGHT PALE	LIGHT PALE

Applications:

- DENSION HF-1, HF-2, HF-0
- VICKERS I-286-S, M-2950-S
- CINCINNATI MILACRON P-68, P-69, P-70
- RACINE, VARIABLE VOLUME VANE PUMP

Properties:

*SINGLE GRADE HYDRAULIC OILS (22, 32, 46, 68, 100) These industrial grade hydraulic oils are designed for heavy duty applications encountered in industry. These products have excellent thermal stability and oxidation characteristics as well as good demulsibility, extreme pressure and rust protection properties. There are (5) five viscosity grades to satisfy the field operational viscosity requirements.