



Pioneer Premiere AW Hydraulic Oils

Applications

Pioneer Premiere Antiwear Hydraulic Oils are formulated for use in industrial and mobile hydraulic systems. These oils exceed the requirements of most hydraulic equipment manufacturers.

Recommended for all hydraulic systems specifying one or more of the following qualifications:

Cincinnati Machine P-68, P-69, P-70
Denison HF-0, HF-1, HF-2 * US Steel 136
Ford M6C32, Chrysler, General Motors LS-2
Vickers 35VQ25 * Eaton/Vickers M-2950-S, I-286-S

Features

Contains a zinc/phosphorous antiwear additive to minimize wear in high-speed, high-pressure vane, gear and piston pumps.
Includes a demulsifier to separate water rapidly. Inhibits rust, corrosion and oxidation.

Typical Properties	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
AGMA Grade			1	2	3	4
Specific Gravity (60 °F)	0.851	0.854	0.857	0.865	0.871	0.877
Viscosity cSt @ 40 °C	22.5	32.5	43.6	66.5	98.3	148.6
Viscosity cSt @ 100 °C	4.5	5.7	6.9	9	11.7	15.1
Viscosity Index	111	115	114	111	107	102
Pour Point °C (°F)	-42 (-44)	-39 (-38)	-36 (-33)	-33 (-27)	-21 (-6)	-12 (10)
Flash Point °C (°F)	218 (424)	230 (446)	248 (478)	254 (489)	252 (486)	252 (486)
Color	L 1.0	L 1.0	L 1.5	L 2.5	L 3.0	L 4.5
Demulsibility D1401	Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Stability D943, hrs	4500	6500	6500	5500	2000	2000
Rust Characteristics D665, A & B	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	1A	1A	1A	1A	1A	1A

PIONEER
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