



TECHNICAL DATA BULLETIN

7500 MONOLEC[®] Power Fluid

DESCRIPTION:

Heavy-duty fluid formulated for certain hydraulic transmissions and common sump hydraulic-gear systems as found in farm, construction and industrial tractors. Made from high quality paraffinic base oils and carefully selected additives. Contains MONOLEC[®], LE's exclusive wear-reducing additive.

PHYSICAL CHARACTERISTICS—TYPICAL:

Gravity, °API		29.7
Viscosity		
SUS	@100°F (38°C)	311.7
SUS	@210°F (99°C)	59.08
cSt	@ 40°C (104°F)	61.25
cSt	@100°C (212°F)	9.83
Viscosity Index		130
Flash Point, °F (°C)		433 (223)
Pour Point, °F (°C)		-33 (-36)
Color		Red

TEST RESULTS:

Cooper Corrosion, ASTM D-130	1a
Rust Test, ASTM D-665, 24 hrs. Fresh Water	Pass
Four Ball Wear, ASTM D-4172 Scar Dia., mm	0.34

MEETS PERFORMANCE REQUIREMENTS OF:

John Deere

J20 C
J20 A
J12 B/C
J21 A
JDT 303
Quatrol[®]

Ford New Holland (Fiat)

Including: Ford, Sperry-Vickers, Versatile, New Holland, Fiat

ESN-M2C134-D
ESN-M2C134-A/B/C
ESN-M2C86-B/C
ESN-M2C53-A/B
ESN-M2C48-A/B
ESN-M2C43
ESN-M2C41-B
ESN-M2C92-A
Specification 23M or 24M (Versatile)
I-286-S (Eaton/Vickers)
M-2950-S (Eaton/Vickers)

Massey-Ferguson

M-1110
M-1127A/B
M-1129A
M-1135
M-1141

Allison

C-4

Dennison

HF-1, HF-2

J I Case

Including: International Harvester, Case-IH, Steiger, David Brown, McCormick Farmall

MS-1204, JIC 185
MS-1205, JIC 185
MS-1206
MS-1207
MS-1210, JIC 145
JIC 143/144
B-6 (International Harvester)
SEMS 17001 (Steiger)

AGCO

Including: AGCO-Allis, Allis-Chalmers, Deutz-Allis, White Farm Equipment, Minneapolis-Moline, Oliver, New Idea

Power Fluid 821XL
Q-1826
Q-1766 (Q-1722), Q-1766B
Q-1705
Q-1802
Type 55

Kubota

UDT

Hesston & Hesston-Fiat (tractors only)

AF-87

Renk-Doromat

873, 874 A/B

Caterpillar

TO-2

LEADERS IN LUBRICANTS

LUBRICATION ENGINEERS, Inc.

Other Manufacturers:

Belarus	Valmet
Eaton Hydraulics	IMT
International Hough (Dresser)	Kioto
Komatsu & Komatsu/Dresser	Landini
Leyland	Same
Mitsubishi	Universal
Sauer-Danfoss (Sundstrand Hydraulics)	Yanmar

APPLICATION:

Common sump systems calling for tractor hydraulic fluids and combining gear-hydraulic power, and/or power steering and wet brakes. Heavy duty automatic transmissions in on and off road applications.

RECOMMENDATION:

Not to be used in any gearbox for EP or straight mineral gear oils of SAE 90 or SAE 140 weight.

BENEFICIAL QUALITIES:

Contains MONOLEC[®], LE's exclusive wear-reducing additive.

USDA H2

Low pour point.

Keeps systems cleaner, longer.

Special rust inhibitors protect system.

One fluid for all units reduces inventory.

Eliminates foaming.

Eliminates power fade and "chatter."

Paraffinic base oil and special oxidation inhibitors give longer oil life.

Increased uptime.

Even power flow.

**LI50039
Rev. 08-02
SS060502
TDB/7500**