

PETRO FACTS



CO-OP® SUPER T-HF SL

**"ALL-SEASON" FLUID FOR TRACTOR HYDRAULICS,
TRANSMISSIONS AND DIFFERENTIALS**

DESCRIPTION

CO-OP® T-HF SL is a premium "All-Season" product for use in farm, construction, or off-highway equipment. It was developed to exceed manufacturers' recommendations for a single fluid for powershift, hydrostatic transmission, differential, final drive, wet brake, wet clutches and hydraulic components. It is recognized as an industry leader in the area of gear protection, water demulsification and friction material operations. T-HF SL offers superior performance even in extreme cold (-45°C) yet maintains the same performance characteristics in more seasonal temperatures.

FEATURES & BENEFITS

CO-OP® T-HF SL

is available
in containers of:

- 2 x 10 litre cases
- 20 litre pails
- 110 litre drums

● EXTENDED OIL LIFE

Synthetic base stock and potent inhibitors resist oxidation and thermal breakdown, maximizing oil life and heat resistance.

● OPTIMUM FRICTION

T-HF SL has carefully balanced friction characteristics for chatter-free wet brake and clutch operations.

● GEAR WEAR PERFORMANCE

T-HF SL is recognized as an industry leader in gear wear performance. It meets or exceeds all major manufacturers' requirements, including severe cold temperature applications.

● ANTI-RUST PROTECTION

Superior corrosion inhibitors protect against rust and corrosion even while the equipment is idle.

● EXTENDED SEAL LIFE

T-HF SL is compatible with commonly used elastomers, including Viton, for extended seal, gasket, brake and clutch component life.

● VISCOSITY RETENTION

T-HF SL is very shear stable and retains its viscosity through extended use.

● MINIMUM FOAMING

Anti-foam additives resist foaming for optimum performance of transmission and hydraulic systems.

● WATER DEMULSIFICATION

T-HF SL out-performs other fluid formulations, even with the presence of 1% water.

● LOW TEMPERATURE FLUIDITY

T-HF SL provides year-round performance, even at temperatures as low as -45°C. This ensures smooth operation and reduces equipment fatigue due to cold temperature operation.

● ANTI-WEAR PROTECTION

Anti-wear and extreme pressure additives, by giving exceptional protection against wear and scoring, extend equipment life. The synthetic formulation reduces fatigue due to erratic operation.



RECYCLABLE
WHERE FACILITIES EXIST



Printed in Canada
with vegetable-based ink



LUBRICANTS



TYPICAL SUPER T-HFSZ PROPERTIES

KINEMATIC VISCOSITY	ALL SEASON
cSt at 100°C	8.2
Flash Point	185
Viscosity Index	210
Pour	-51°C
Optimum Operating Range	-45°C to 50°C
Brookfield	
@ - 20°C (CP)	1,130
@ - 35°C (CP)	6,520
@ - 40°C (CP)	14,400

QUALIFICATIONS

CO-OP T-HF SL can be used where the following specifications and/or manufacturers are recommended for both current and non-current equipment.

JOHN DEERE

J20C/D (current)
J20A/B
J14B/C (current)
J21A
JDT 303
Quatrol

FORD NEW HOLLAND (FIAT)

Including: FORD, SPERRY-VICKERS, VERSATILE, NEW HOLLAND, FIAT
FNHA-2-C-200
ESN-M2C134-D (current)
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 (Vickers)
M-2950-S (Vickers)
35UQ25 (Vickers)

AGCO

Including: AGCO-ALLIS, ALLIS-CHALMERS, DEUTZ-ALLIS
Power Fluid 821XL (current)

MASSEY-FERGUSON

M-1110
M-1127A/B
M-1129A
M-1135 (current)
M-1141 (current)
M-1143 (current)

JI CASE

Including INTERNATIONAL HARVESTER, CASE-IH, STEIGER
MS-1204, JIC 185
MS-1205, JIC 185
MS-1206
MS-1207 (current)
MS-1210, JIC 145
JIC 143/144
B-6 (International Harvester)
SEMS 17001 (Steiger)

KUBOTA

UDT (current)

HESSTON & HESSTON-FIAT

(tractors only)
AF-87 (current)

WHITE FARM EQUIPMENT

(part of AGCO)
Including: MINNEAPOLIS-MOLINE, OLIVER, NEW IDEA
Q-1826 (current)
Q-1766 (Q-1722), Q-1766B
Q-1705
Q-1802
Type 55

RENK-DOROMAT

873, 874 A/B (current)

ALISON

C-2, C-3, C-4 (current)
C3/C4

CATERPILLAR

TO-2

DENISON

HF-1, HF-2 (current)

VOLVO

WB-101

OTHER MANUFACTURERS:

BELARUS
DAVID BROWN (part of JI CASE)
EATON HYDRAULICS
IMT
INTERNATIONAL HOUGH (DRESSER)
KIOTO
KOMATSU & KOMATSU/DRESSER
LANDINI
LEYLAND
McCORMICK FARMALL (part of JI CASE)
MITSUBISHI
SAME
SUNDSTRAND HYDRAULICS
UNIVERSAL
VALMET
YANMAR