Type: Vehicle, Fire Support, 6x6 Nomenclature: Cougar WFSV

Physical Data:

Weight empty 17637 lb (8000 kg) Weight loaded 23148 lb (10500 kg) Length (OA) 235 in (5970mm) Width (OA) 98 in (2500mm) 73 in (1850mm) Height (OA) Ground clr 19.5 in (500mm) Wheel base 80 in 2040mm (front) + 41 in 1040mm (rear)

Wheel tread 87 in (2205mm)

Drive 6x6

Armor Welded steel **NBC** protection Central

Armament:

Main - Cal (1) 76mm Cannon

L23A1 and (1) 7.62mm LMG M1919A4 coax

Power (-10 to +34 de Elev & traverse

gree, full 360 traverse)

Fire control AN-GVS-5 laser Crew side arms Aux wpns

Capacity:

53 gal (200 liters) Fuel (est) 76mm 40 rds, 7.62mm Ammo/Qty

1700 rds.

Crew/Pass 3-5 Cargo Vol/Wgt n/a

Engine:

Type Diesel

275 hp (205 kW) HP at Rev/Min

@ 2800 rpm

6V53T Turbo-Charge Model

GM of Canada Mfr

No. of Cyls V-6 Location Front Cooling Liquid

Transmission:

Automatic **Type** Gear Fwd/Rev 5/1 Model MT-650 Allison Mfr

Suspension System:

Type Coil spring Front,

Torsion bar, Rear

Steering Front axle **Turning radius** unk

No/wheels

Tire Size 11.00 x 16

General Data:

Elec voltage 24V

Radio As fitted by user Night Vision: Driver: AN/VVS-501

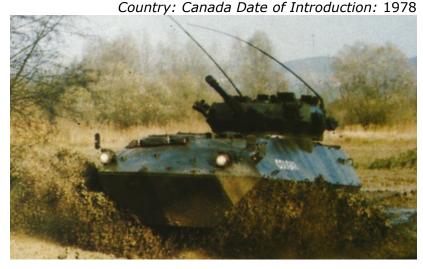
Passive Night Vision

Performance:

Speed/Land 62 mph (100 km/h) Speed/Water 6.5 mph (10.5 km/h) Range 373 mi (600 km) Fording depth Amphibious

Max grade 70% **Trench**

Step 19.5 in (500 mm)





Top: Pre-production MOWAG Cougar as built for the Canadian Army. (Photo: MOWAG Motorwagenfabrik). Above: Canadian Defence Force Cougar on loan to the US Marine Corps for testing, circa 1981. (Photo: US Navy)

Remarks: An initial order for the Canadian Army was placed in January of 1977 for 152 vehicles. The Cougar had a service life of well over 20 years and in photos will appear with the unprotected rear propulsion propellers swiveled in an upright position against the rear hull. This was later modified with the addition of a protective shroud over the unit; and finally near the end of its' service life, no water propulsion unit at all.

Usage: The Cougar was only in service with the Canadian Army. Six vehicles (a combination of Cougars, Grizzly (APCs) and Husky (ARvs) were loaned to the USMC in the early 1980s for testing. Circa 2010 another set of vehicles was loaned to the UN for operations in East Africa

Manufacturer: GM of Canada Diesel Division, London, Ontario, Canada (licensed from MOWAG of Switzerland)

Wheeled Fighting Vehicle Data Sheets © David R. Haugh and WarWheels 2013

19721243660804 Cataloged: 3/3/92