



### **Technical Data Sheet**

# ATF 6

## Multi-Vehicle 100% Synt

Lubricant for the latest generation of automatic transmissions, engineered to exceed the specifications required by the OEM's Europeans, Americans and Asians. Its use is indicated for cars, heavy trucks and transmissions used for public transport.

It's formulated with fully synthetic Hydrocracked base oils and a technologically advanced additive package to promote the oxidation resistance, thermal stability, friction control, the ability to work under high load conditions "heavy-load", corrosion and protection the wear. In addition, it also offers an improved protection against the formation of sludge, varnish and other types of deposits.

### **Applications & Benefits**

### - Fuel Economy

Reduces friction between epicycloid gears, reducing fuel consumption on cars equipped with automatic gearboxes.

### - Formula ADVANCE

Greater protection during gear engagement, reduces friction-bearing wear, helping to reduce maintenance costs.

### - Oxydation Stability

By protecting the gearbox, it prevents the formation of swabs, lacquers and damaging deposits, helping to clean the system.

### - Long Life Fluid

The combination of synthetic bases and additives allow a long service life of the lubricant in the transmission system.

#### - Friction Modifier

It promotes better smoothness between gearbox components, improving and stabilizing power transfer.

### Easy Start&Stop

Exceptional cold lubricant fluidity allows for faster cold circulation in the transmission system which results in reliable system anti-wear protection.

### - Compatibility

Compatibility with a wide range of sealing elastomers helps prevent lubricant losses due to deterioration of the gasket.

### Versatility

Suitable for many types of automatic transmissions of OEM, Europe, Asia and North America manufacturers.

It is recommended for applications requiring Dexron®-III, Mercon® and Fluid Allison C-4 fluids, as well as for ZF and Voith transmissions.

ATF 6 exceeds the requirements required by Japanese JASO 1A specifications.

The ATF 6 lubricant, in addition to the standards listed, can be used to replace the following commercially available fluids:

- Esso LT 71141
- Idemitsu K17
- Shell ATF 3403 M-115
- Texaco ATF N402







Please note that the ATF 6 product is not suitable for use in some changes such as:

- Ford Transmissions manufactured before 1977 and some pre-1982 transmissions that require a fluid M2C33-F / G Texamatic 9330 (ATF formulated without friction modifier).

Vehicles with CVT continuous transmission; Where special fluids are required (see CVT Fluid). Also remember to always check the usage and maintenance manual for the correct selection of reference transmission fluid for your vehicle.

MAZDA ATF M III/ ATF M

### **Specifications & Approvals**

### - Exceeds the specifications listed below:

GM DEXRON III-H MERCON V

JASO 1-A TOYOTA Type T-II / T-IV
ALLISON C-4 TES 295 NISSAN MATIC FLUID D, J, K
KIA SP II / SP III MITSUBISHI SP II/ SP III

HONDA ATF Z1 (No CVT's)

HYUNDAI SP II / SP III

### - EUROLUBE also recommends this product where the following specifications are required:

DEXRON VI JWS 3309 (Aisin Warner)

CHRYSLER ATF+3 / ATF +4 MB 236.1/.2/.5/.6/.7/.9/.10/.11/.12

DAIMLER NAG-1 BMW LT 71141/LA 2634 / 7045 / 8072-B MAN 339 Typ Z1/Z2 – MAN 339 Typ V1/V2 ZF TE-ML 02F/03D/04D/05L/09/11A/11B

ZF TE-ML 14A/14B/16L/17C VOITH H 55 6336.xx

VW G 052 162 VW G 055 025

VOLVO 97340 / 97341

OEM's	Performance		
Acura	ATF Z1 (eccetto CVTs)		
Audi	G 052 025-A2 / G 052 162-A1, A2, A6 / G 052 990 A2 / G 055 025 A2 / G 055 005 A1, A2, A6		
Bentley	PY112995PA*		
BMW	LT 71141 / LA 2634 / ETL 7045 E / ETL 8072 B / 83 22 9 407 807* / 83 22 0 142 516* / 83 22 0 402 413*		
Chrysler	MS 7176 / MS 7476D / MS 7176E / MS 9602 / ATF+ / ATF+2 / ATF+3 / ATF +4		
Citroën	Z 000169756 / AW-1 / JWS 3309		
Daimler	ATF +3 / ATF +4		
FIAT	9.55550-AV1 / 9.55550-AV2 / 9.55550-AV4		
FORD	MERCON, MERCON V, MERCON SP, XT-2-QDX, XT-5-QM, XT-6QSP, XT-8QAW, XT-9-QMM5, M2C 138-CJ, WSA-M2C-195-A, WSS-M2C-924-A		
General Motors	GM DEXRON III H / III G / II E / II D / 88900925 / 1940773 / 1940771 / 19256039 / AW-1		
Honda	ATF Z1 (eccetto CVTs) / 082000-9001 / ATF DW-1 (eccetto CVT's)		
Hyundai	Red-1 / SP-II / SP-III / ATF 9638 / 040000C90SG		





# Specifiche & Applicazioni

OEM's	Performance		
Infiniti	ATF FMS / MATIC S / MATIC D / MATIC J / MATIC K		
Isuzu	ATF Z1 (eccetto CVT's)		
Jaguar	M1375.4 / JLM 20238 / Jaguar Fluid 8432		
Kia	Red-1 / UM040 CH020		
Land Rover	M1375.4 / TYK500050		
Lexus	ATF WS / ATF Type T-IV / JWS 3324 / NWS 9638		
Maserati	231603		
Mazda	JWS 3317 / ATF M-V / 6-sp AT		
Mercedes-Benz	MB 236.3 / 236.5 / 236.7 / 236.9 / 236.10 / 236.11 / 236.12 / A0019892203		
Mini	ASW 3309 / 83 22 0 402 413		
Mitsubushi	Diamond (USA) / Dia Queen PSF / ATF-PA / ATF -J2 / ATF-J3 / SP II / SP III /		
	PSF 3 / AYC Fluid		
Nissan	ATF FMS / MATIC S / MATIC D / MATIC J / MATIC K		
Peugeot	Z 000169756 / 9730 AC / AW-1 / JWS 3309		
Porsche	999.917.547.00 (A2) / 043 205 28		
Renault	Elfmatic J6 / Renaultmatic D2 / Renaultmatic D3		
Rolis Royce	PL 31493 PA		
Saab	JWS 3309 / 93 165 147		
Saturn	T-IV / 22686186		
Subaru	KO410Y0700 / ATF HP / SKU / SOA868V9241		
Suzuki	JWS 3314 / 3317 / 2384K		
Toyota	ATF WS / ATF Type T / ATF Type T-IV / JWS 2312D / JWS 3309 / JWS 3324 /		
	08886-81015 / 08886-00405		
Volvo	97342 / 1161521 / 1161540		
Volkswagen	G 052 025-A2 / G 052 162-A1 / G 052 162-A2 / G 052 162-A6 / TL 52 162 /		
	G 052 990-A2 / G 055 025 A2 / G 055 005-A1 / G 055 005-A2 / G 055 005-A6		
Saab	JWS 3309 / 93 165 147		

<sup>\*</sup> For further information please contact the Technical Service.

# **Chemical-Physical Characteristics**

Test	Method	ATF 6
Color	Visual	L 2.0
Denisty @ 15°C, Kg/dm <sup>3</sup>	ASTM D 4052	0.850
Viscosity		
cSt @ 40°C	ASTM D 445	33.6
cSt @ 100°C		7.10
Viscosity Inex - Unità	ASTM D 2270	180
Flash Point °C	ASTM D 92	218
Pour Point °C	ASTM D 4052	- 50
Brookfield Viscosity mPa * sec @ -40°C	DIN 51389	12000

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.





### Storage, Health & Environment

### - Storage & Health

It is recommended to store the ATF 6 Lubricant Covered. If storage is carried out outdoors, it is recommended to position the drums, preferably under a roof, in a horizontal position and, if kept upright, cover them with a lid to prevent water infiltration. It is advisable not to store the packs at temperatures above 60 ° C or directly to the sun as it is good to keep them in places not subject to freezing.

ATF 6 has no health effects when properly used, applying the normal personal hygiene standards.

#### - Environment

Do not discharge the new and / or exhausted lubricant into the sewage system, soil or watercourses. Exhausted lubricant must be delivered to an authorized collection point.

### **Additional information**

### - Safety Data Sheet

It is provided aside and must be considered for its information or can be easily downloaded from <a href="www.rilub.it">www.rilub.it</a>
Contact your technical service for more information:



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