



QUARTZ 4 X 4



High performance synthetic gasoline and diesel engine oil.

USES

- **TOTAL QUARTZ 4X4 is specially designed with synthetic base oils and advanced additive technology to meet with the stringent lubrication requirements of all 4X4 vehicles cum SUV's.**
- **TOTAL QUARTZ 4X4 is perfectly suited to turbo-charged and multi-valved engines.**
- **TOTAL QUARTZ 4X4 can be used in the most severe operating conditions (motorways, dense city traffic, off road, desert drive....), whatever the season.**
- **TOTAL QUARTZ 4X4 is perfectly adapted to vehicles equipped with catalysts and using unleaded fuel or liquefied petroleum gas.**

CUSTOMER BENEFITS

- Meets the API SL and ACEA A3/B3 requirements, guarantee of a **high performance**.
- Synthetic based and multi grade - **Extended drain period**.
- Very high viscosity index and excellent viscosity stability in operation -**Protection under extreme conditions**.
- Multigrade Technology- Easy cold start, perfect lubrication at high temperature, low oil consumption.
- Excellent **dispersancy and detergency keeping the engine clean** and thus **preserving its power**.
- Excellent anti-wear properties **protecting the engine's most sensitive parts -Extends the life of engine components**.

CHARACTERISTICS

QUARTZ 4X4	Units	SAE Grade 15W-50
Volumetric Mass at 15°C	Kg/m ³	878
Viscosity @ 40 °C	mm ² / S	136.7
Viscosity @ 100 °C	mm ² / S	18.46
Viscosity Index	-	152
Flash Point Cleveland	°C	230
Pour Point	°C	-30

Typical values given for indicative purpose only

PERFORMANCES

OEMs
Specifications

ACEA: A3/B3

API: SL/CF

MB: 229.1

VOLKSWAGEN: 505.00/Performance level 500.00

Recommended for use in four-wheel drives of Japanese, European, American and other manufacturers.

TOTAL LUBRICANTS MIDDLE EAST
P.O. Box : 5288
Dubai, United Arab Emirates
1/1

Quartz 4 X4
N° TDS/DXB/05/03/180



This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current E.U. legislation is available from your local trade consultant.