



# LAVA

## SYN 4T



### DESCRIPTION

LAVA SYN 4T is a fully synthetic, four-stroke oil, specifically formulated for performance motorcycles. It combines the advantages of a high quality synthetic base oils and latest antiwear additive system. It is a shear-stable, protective oil for bearings, piston rings and provides a superior anti-wear and deposit control than a conventional oil of similar viscosity grade. LAVA SYN 4T is designed to withstand very high loads and special friction requirements of gear boxes and clutches, for smooth and efficient power transfer.

### APPLICATIONS

LAVA SYN 4T is suitable, equally, for air-cooled and water-cooled four-stroke engines running on any type of fuel. It is suitable for street, on-/off-road, enduro motorcycles including multi-valve, V-Twin air or water-cooled engines. It offers reliable performance all year round, either on long rides or for stop-and-go city riding.

### CHARACTERISTICS-BENEFITS

| CHARACTERISTICS   | BENEFITS  |
|---|---|
| Strong oil adhesion on metallic surfaces results to drastic reduction of friction and developed wear. | Competitive performance and acceleration in most severe operation<br>Conditions less wear on moving parts.                        |
| Excellent fluidity at low temperatures.   | Reliable low temperature protection due to easy cold starts.  |
| Rapid heat removal reduces engine running temperature.  | The heating load is reduced and engine's life is expanding.   |
| Superior viscosity stability at high rpm and temperatures.  | High resistance to deposits formation, critical in hot running engines, e.g. air cooled ones' enables longer oil drain intervals. |
| High friction coefficient.  | Superb transmission teethes, protection against slippage' efficient power transfers through easy gear change.                     |
| Reduced oil consumption.  | Reliable performance in extreme operation conditions.   |

### PHYSICAL-CHEMICAL CHARACTERISTICS

| LAVA SYN 4T                        | METHOD     | SAE 15W-50 |
|------------------------------------|------------|------------|
| Density at 15°C, g/cm <sup>3</sup> | ASTM D1298 | 0,862      |
| Dynamic viscosity, cP              | ASTM D5293 | -20/6300   |
| Viscosity, Kinematic (cSt) 100°C   | ASTM D445  | 18,7       |
| Viscosity, Kinematic (cSt) 40°C    | ASTM D445  | 140        |
| Viscosity index                    | ASTM D2270 | 151        |
| Flash point, COC, °C               | ASTM D92   | 224        |
| Pour point, °C                     | ASTM D97   | -33        |

The above mentioned characteristics represent mean values.

### SPECIFICATIONS

API SL, JASO MA2, MA