PRODUCT DATA SHEET

# Q8 Trans XGS 75W-90

*Full synthetic total driveline SAE J2360 transmission fluid*

## Description

*Q8 Trans XGS 75W-90 is a superior full synthetic transmission fluid designed for heavy duty driveline components requiring special low temperature fluidity. The product offers best-in-class protection against extreme pressure and wear due to exceptional stability in high as well as low temperatures. This results in optimized lubrication of hypoid and non-hypoid axles.*

## Applications

*Q8 Trans XGS 75W-90 is designed for heavy duty components in mining or construction vehicles such as rear-axles, final drives and selected manual transmissions, requiring low temperature fluidity. It meets the latest requirements of all major OEMs such as SAE J 2360, Scania STO 2:0A FS, Volvo 97312 and MAN 342 type S1.*

## Benefits

- *Exceptional low temperature fluidity and wide temperature operating range.*
- *Exceptional internal friction reduction.*
- *Superior axle wear protection.*
- *Exceptional wear protection under heavy duty operating conditions.*
- *Superior protection against rust and corrosion.*

## Specifications / Recommendations / Approvals

| | | | |
|---|---|---|---|
| **API** | GL-4 | **Mack** | GO-J |
| **API** | GL-5 | **Meritor** | GO MTR 076S |
| **API** | MT-1 | **SAE** | **J 2360** |
| **Case New Holland** | MAT 3516-C | **Scania** | **STO 1:0** |
| **Daimler Truck AG** | DTFR 12B100 (MB 235.0) | **Scania** | STO 1:1 G * |
| **Daimler Truck AG** | DTFR 12B140 (MB 235.8) * | **Scania** | STO 2:0 A |
| **Detroit Diesel** | DFS 93K219.01 | **Scania** | **STO 2:0 A FS** |
| **Ferrari** | GL-4 | **Scania** | STO 2:0 G |
| **Ferrari** | GL-5 | **VAG** | VW G 052 911 |
| **Iveco** | 18-1805 RAS1 | **Volvo** | **97312** |
| **MAN** | 341 Type E3 | **ZF** | **TE-ML 02B** |
| **MAN** | 341 Type GA1 | **ZF** | **TE-ML 05A** |
| **MAN** | **341 Type Z2** | **ZF** | **TE-ML 12L** |
| **MAN** | 342 Type M2 | **ZF** | **TE-ML 12N** |
| **MAN** | 342 Type M3 | **ZF** | **TE-ML 16F** |
| **MAN** | **342 Type S1** | **ZF** | **TE-ML 17B** |
| **MB** | **235.8 (DTFR 12B140)** | **ZF** | **TE-ML 19C** |
| **MIL** | L-2105D | **ZF** | **TE-ML 21A** |
| **MIL** | PRF-2105E | **ZF** | TE-ML 24A |

Color code blue: Approved * Pending approval

## *Properties*

| | *Method* | *Unit* | *Typical* |
|---|---|---|---|
| *Density, 15 ˚C* | *D 4052* | *g/ml* | *0,869* |
| *Density, 20 ˚C* | *D 4052* | *g/ml* | *0,861* |
| *Viscosity Grade* | *SAE J306* | *SAE* | *SAE 75W-90* |
| *Kinematic Viscosity, 40 ˚C* | *D 445* | *mm²/s* | *108* |
| *Kinematic Viscosity, 100 ˚C* | *D 445* | *mm²/s* | *15.6* |
| *Viscosity Index* | *D 2270* | *-* | *153* |
| *Brookfield Viscosity, -40 ˚C* | *D 2983* | *Pa.s* | *70* |
| *Pour Point* | *D 97* | *˚C* | *-51* |
| *Flash Point, COC* | *D 92* | *˚C* | *180* |

*The figures above are not a specification. They are typical figures obtained within production tolerances.*

## Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Trans XGS 75W-90 is **2.13** kg $CO_2$eq / kg.*
*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.*
*To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.*
*For more info check here*

we take care

PRODUCT CARBON FOOTPRINT METHOD VALIDATED BY:
PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF
VINÇOTTE