

Technical Data Sheet



X-FLOW TYPE Z 5W-30

Fully Synthetic

Recommended by Comma for applications requiring any of the following:

MB 229.31, MB 229.51, BMW LL-04, dexos 2, VW 505 00, ACEA C3, API SL/CF

Directions for use:

- Fully synthetic 5W-30 mid SAPS oil for modern petrol and diesel vehicles including those fitted with exhaust after treatment units that require an ACEA C3 grade
- To ensure correct oil selection check Comma's latest application guide in store or online at CommaOil.com

Handling:

- Avoid extremes of temperature
- Product in cardboard cartons must be stored under cover and away from damp conditions
- Barrels should be stored under cover if possible
- If barrels must be stored outside then lay them on their side to prevent water collecting around the bungs

Shelf life:

- 5 years from date of manufacture
- Manufacture date can be identified from an eight digit code printed on the bottle. YYYY.MM.DD

Typical Inspections Data:

Density @ 20°C	0.85 g/cm3
Viscosity @ 100°C (cSt)	11.9 cSt
Viscosity @ 40°C (cSt)	70 cSt
Viscosity Index	165
Viscosity CCS @ -30°C (cP)	5900 cP
T.B.N (mg KOH/g)	7.8 mg KOH/g
Sulphated Ash Mass (%)	0.8 %
Zinc (%)	0.1 %
Colour	Brown
Phosphorus (%)	0.08 %
Flash Point (OC)	210 °C
Pour Point (OC)	-36 °C
Calcium (%)	0.18 %

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