



IF-WS₂



AC-1100

AW/AF Oil Additive

To enhance Anti-Wear, Anti-Friction properties and extend life of a diesel engine oil up to three times. As a result your engine life would be extended as well. Specially formulated for trucks, mining dump trucks, buses, marine engines, diesel power generators to boost the performance of all type of diesel engines

Benefits

- Extend life of diesel engine oil
- Reduce Fuel Consumption
- Increase Horse Power
- Decrease Engine Noise
- Lower Harmful Emissions
- Anti-Friction (AF), and Anti-Wear (AW) properties
- Compatible with both mineral and synthetic oils
- Can be used as part of the additives package for fully-formulated ready to use engine oil or as a top up after market product
- Reduce friction between piston and liner in engines
- Reduce camshaft wear

Format and Packaging

• Liquid

• Containers:



Pail
Vol: 20 L / 5 Gal
Net: 18 kg / 39 Lb



Drum
Vol: 200 L / 55 Gal
Net: 180 kg / 396 Lb



IBC
Vol: 1000 L / 275 Gal
Net: 900 kg / 1984 Lb

Technical Specs

Color	Carrier	Viscosity	Density	Health	Safety
Dark Gray	Fully synthetic oil	300 – 450 cSt at 40°C (104°F)	0.9 – 0.97 g/cm ³ 7.51–8.10 Lb/gal	Non-toxic close cage particles as per OECD protocols	REACH Compliant

Industries

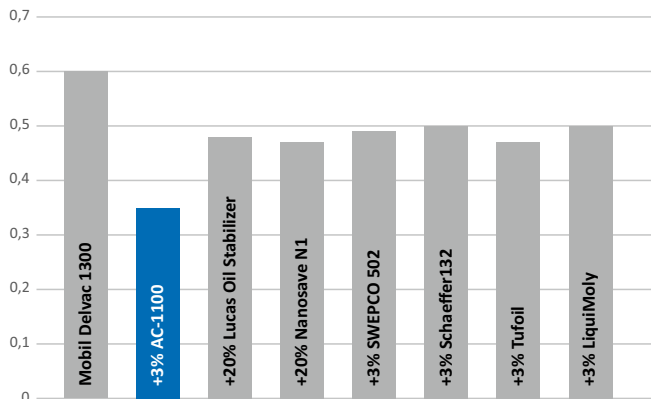
- Automotive and Aftermarket



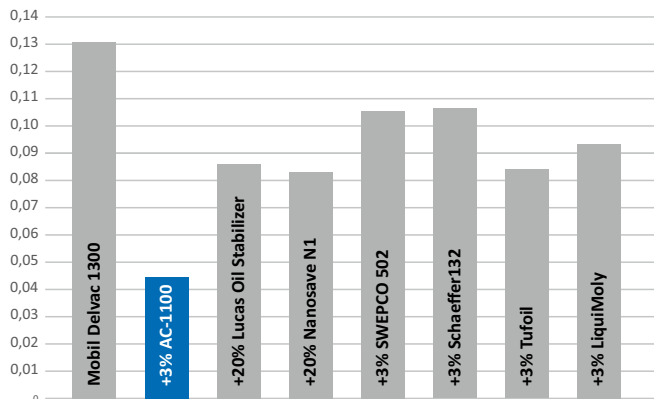
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AC-1100

**4 ball wear ASTM D4172
AC-1100 VS other additives**



**Coefficient of Friction
AC-1100 VS other additives**



**Field trial for 9.8L Cummins Diesel Truck Engine
Treated with 3% AC 1100 in ZIC 10W30 oil**

AC-1100 extended oil change interval for up to 50.000 km (31.069 miles)

We recommend adding AC-1100 to the engine oil every 30.000 km (18.640 miles)

AC-1100 is compatible with API CH4, CJ4, CI4 and PC11

To determine your fleet's engine oil life we recommend to perform a comprehensive used oil analysis

Distance traveled	TBN (total base number)	Lead ppm	Viscosity 100°C / 212°F	Oxidation <abs/cm	Nitration <abs/cm	Iron <150 ppm
0 km	11.5	0	11.95	0	0	0
10 000 km / 6.213 miles	11	1	12.05	0	0	2
20 000 km / 12.427 miles	9.5	1	12.07	0	0	12
30 000 km / 18.641 miles	8.5	1	12.12	0	0	18
40 000 km / 24.854 miles	7.5	1	12.18	0	1	20
50 000 km / 31.068 miles	6.5	2	12.2	1	1	28
OEM Condemnation limits	4	25	15	25	0	150

Disclaimer

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